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ABSTRACT

This quarterly publication announces the availability of documents acquired and processed by the Educational Resources Information Center (ERIC) Clearinghouse on Vocational and Technical Education. It contains abstracts of research and other materials which are useful to researchers, supervisors, teacher educators, education specialists, administrators, teachers, and others who have an interest in vocational and technical education. The abstracts are organized by topical groupings: (1) Administration and Supervision, (2) Curriculum, (3) Employment and Occupations, (4) Evaluation and Measurements, (5) Facilities and Equipment, (6) Historical Studies, (7) Individuals with Special Needs, (8) Philosophy and Objectives, (9) Research Design, Development and Utilization, (10) Students, Occupational Guidance and Other Student Personnel Services, (11) Teachers and Teacher Education, (12) Teaching and Learning, and (13) Other Resources. Indexes provide the approach to the abstracts by (1) personal and institutional authors, (2) document accession number with a table showing ED numbers for documents available through the ERIC Document Reproduction Service, (3) vocational and supporting services, and (4) subjects. Documents which do not have an individual ED number are available in a separate microfiche set from the ERIC Document Reproduction Service (VT 011 200). (CD)

ED039367

Abstracts of
Research and Related
Materials
in
Vocational and Technical Education

Spring 1970

This publication was prepared pursuant to a grant with the Office of Education, U.S. Department of Health, Education and Welfare. Contractors undertaking such projects under Government sponsorship are encouraged to express freely their judgment in professional and technical matters. Points of view or opinions do not, therefore, necessarily represent official Office of Education position or policy.

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ERIC Clearinghouse on Vocational and Technical Education
The Center for Vocational and Technical Education
The Ohio State University
1900 Kenny Road, Columbus, Ohio 43210

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PREFACE

Abstracts of Research and Related Materials in Vocational and Technical Education (ARM) and the companion publication Abstracts of Instructional Materials in Vocational and Technical Education (AIM) announce the availability of documents acquired and processed by the ERIC Clearinghouse on Vocational and Technical Education. ARM incorporates abstracts of research and other materials which are useful to a wide audience of users such as researchers, supervisors, teacher educators, education specialists, administrators, teachers and others who have an interest in vocational and technical education. AIM includes abstracts of materials typically designed for teacher use or student use in the classroom, and annotations of bibliographies or lists of instructional materials. These publications prepared by the ERIC Clearinghouse on Vocational and Technical Education are published quarterly beginning with Fall 1967 issues.

The ERIC Clearinghouse on Vocational and Technical Education is a division of the Center for Research and Leadership Development in Vocational and Technical Education located at The Ohio State University and is one of the clearinghouses of the Educational Resources Information Center (ERIC-USOE). With the growth of vocational and technical education programs, there is an increasing need for accessible information that can be used in developing logical chains of reasoning for research activities, for improving school practices and for shortening the theory-practice gap. This Clearinghouse is striving to provide a useful and vital function in dissemination of information on vocational and technical education. ARM and AIM give visibility to a document-based information system which constitutes an on-going data bank of research and resource materials in vocational and technical education. Following are some of the benefits derived from this data base:

* A central source of information to be reviewed and synthesized into state-of-the-art papers, critical reviews, interpretive papers, etc.

* A resource which includes different kinds of materials, e.g., instructional materials, descriptive reports, survey reports, dissertations, conference proceedings, program plans or procedures, research reports.

* Provision for availability of primary source materials through the ERIC Document Reproduction Service (EDRS) and/or other distribution agencies.

* A source of bibliographies and a resource for development of bibliographies.

* A source of materials for different user groups (i.e., administrators, supervisors, teacher educators, teachers, legislative and advisory bodies) with information needs in such diverse areas as teaching and learning, manpower needs and requirements, research design and methodology, evaluation.

Since this Clearinghouse is a component of a larger information system, ERIC, it is logical that certain similarities among publications exist. In this regard the format of ARM and AIM is similar to that of Research in Education (RIE)[1], the primary publication of the Educational Resources Information Center (ERIC). RIE includes abstracts from all ERIC Clearinghouses. The abstracts of materials reported in ARM relate specifically to the educational field of vocational and technical education and constitute a segment of ERIC, the national information system for American education.

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[1] Research in Education is published 12 times a year. The first issue was no. 1, November 1966. Subscription: Domestic $21.00 a year; foreign $5.25 additional. Single copy: Domestic, $1.75. Send check or money order (no stamps) to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.

In addition to the two quarterly publications, Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), and Abstracts of Instructional Materials in Vocational and Technical Education (AIM), other publications will be issued from time to time. These will typically concern themselves with reviewing and synthesizing information in specific areas of vocational and technical education, e.g., Review and Synthesis of Research in Technical Education; Agricultural Education; Home Economics, etc., and with reviewing and synthesizing information related to topical areas such as the economics of vocational and technical education.

We are indebted to our colleagues within the profession for their cooperation in forwarding materials to the clearinghouse and for their suggestions and comments which have materially assisted in the development of this program. We anticipate further refinement and improved procedures with the continued assistance of our advisory committee.

Robert E. Taylor
Director

INTRODUCTION

Organization of
ABSTRACTS OF RESEARCH AND RELATED MATERIALS IN VOCATIONAL AND TECHNICAL EDUCATION

Abstracts of Research and Related Materials in Vocational and Technical Education has two basic formats -- resumes and indexes -- to serve the browser and those seeking specific information. The resumes are organized according to several topical groupings in the first section of the document. Under each grouping, the resumes are arranged by Vocational Technical (VT) number which is an identification number assigned to reports as they are processed. Resumes contain an abstract which indicates the contents of a document in two hundred words or less. Additional components of a resume are explained in a diagram on page ix.

Several indexes are located after the resume section to provide specific approaches to documents reported in the resume section. These indexes are:

Subject and Identifier Index
Personal and Institutional Author Index
Vocational and Supporting Services Index
Document Number Index
Conversion of Document Number Index (VT to ED or MP, ED or MP to VT)

All of the indexes refer to page numbers in this publication to enable the reader to quickly locate any resume of interest.

Availability of ARM

ARM is published quarterly (Fall, Winter, Spring, Summer). The first issue began Fall 1967. At this time the four issues for the period Fall 1967 - Summer 1968 and the AIM-ARM Annual Index, 1967-68 are available only on microfiche or facsimile copy. Annual subscriptions are available beginning with Fall 1968. Microfiche or facsimile for all previous issues may be ordered from ERIC Document Reproduction Service (EDRS), The National Cash Register Company, 4936 Fairmont Avenue, Bethesda, Maryland 20014. Please write to EDRS for order forms.

ED 013 336	Fall 1967 ARM	MF - $1.00	or	HC - $10.60
ED 015 335	Winter 1967 ARM	MF - $ .75	or	HC - $ 9.10
ED 016 875	Spring 1968 ARM	MF - $ .75	or	HC - $ 9.10
ED 019 525	Summer 1968 ARM	MF - $1.25	or	HC - $14.15
ED 022 064	AIM-ARM Annual Index, 1967-68	MF - $ .50	or	HC - $ 6.30
ED 022 970	Fall 1968 ARM	MF - $1.25	or	HC - $14.10
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ED 030 000	Spring 1969 ARM	MF - $1.00	or	HC - $10.40
ED 031 586	Summer 1969 ARM	MF - $1.00	or	HC - $10.45
ED 033 247	Fall 1969 ARM	MF - $1.00	or	HC - $10.40
ED(See Jun. '70 RIE)	Winter 1969 ARM	MF - $1.00	or	HC - $13.30
ED(See Jun. '70 RIE)	AIM-ARM Annual Index 1968-69			

Subscriptions for hard copy may be initiated with the Fall 1968 issue, or subsequent issues. Send order indicating quarter and year that subscription is to begin to:

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ERIC Clearinghouse
The Center for Vocational and Technical Education
1900 Kenny Road
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Availability of Materials Reported in ARM

A basic concept of the ERIC system is to make known the availability of the full text of materials abstracted. Most of the materials processed into the ERIC system with an ERIC Document (ED) number will be available from the ERIC Document Reproduction Service (EDRS) in the form of microfiche or facsimile copy. There is an EDRS availability line with each abstract which indicates if a document may be obtained from EDRS. If a document is not available from EDRS, the agency and address from which the document may be obtained is in the resume. Microfiche or facsimile copy must be ordered by ED (ERIC Document) number since EDRS is not set up to respond to requests for materials by subject, author, or title. AIM and ARM indexes can be used to determine ED numbers which relate to problem areas. Always check the most current issue of RIE for the latest price schedules and ordering procedure for microfiche (MF) and facsimile copy, called hard copy (HC).

Materials with ED numbers are announced in Research in Education (RIE) as well as AIM or ARM. These are available as individual documents through EDRS or another source. Documents with VT numbers only are not announced in RIE but are included in AIM and ARM. They are not available as individual documents from EDRS but as part of a VT-ERIC set. Microfiche for an individual document in one of these sets is obtainable only through purchase of the set or from agencies that have this set and have the capability of reproducing microfiche. Reports in these sets are identified in a resume by the phrase MF AVAILABLE IN VT-ERIC SET. The documents are grouped in VT number sequence in the microfiche set for each issue of AIM or ARM. Each set is announced in RIE under a single (ED) number. The Fall 1967 - Summer 1968 Microfiche Collections contain documents with VT numbers only and ED documents. Beginning with Fall 1968, the microfiche set contains the documents which have only VT numbers. Thus the microfiche collection for a particular issue of ARM now contains the items in that issue of ARM which have the statement, MF AVAILABLE IN VT-ERIC SET, in the resume. These sets may be ordered from EDRS. Information to be used in ordering the sets for ARM follows:

ARM Microfiche Collections

ARM	ED Number	Microfiche
Fall 1967	ED 013 338	$25.00
Winter 1967	ED 015 348	$26.25
Spring 1968	ED 016 876	$38.00
Summer 1968	ED 019 526	$72.75
Fall 1968	ED 022 065	$ 5.75
Winter 1968	ED 027 441	$34.25
Spring 1969	ED 030 001	$25.00
Summer 1969	ED 031 587	$26.75
Fall 1969	ED 033 237	$ 8.50
Winter 1969	ED(See Jun. '70 RIE)	$31.75

It should be noted that organizations which have standing orders with EDRS for the total microfiche collections in RIE will automatically receive the ARM and AIM microfiche collections. If an organization wishes to order only the materials abstracted by VT-ERIC which are announced in RIE and are on microfiche, a standing order may be initiated with EDRS for a VT-ERIC package. This package will automatically include the ARM and AIM microfiche collections. Contact EDRS for information about cost of current or retrospective VT-ERIC packages.

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Availability Key for Materials Reported in ARM

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ED appears with reference to an RIE issue, e.g., ED(See Aug. '69 RIE)	If a price is given for microfiche, the fiche is unavailable from EDRS (at time of printing) until an ED number is assigned and published in RIE. The issue of RIE in which the abstract is scheduled to appear follows the ED prefix. After assignment of numbers has been made by Central ERIC, the Conversion of Document Number Index in each succeeding issue of ARM will include numbers for documents listed with an ED and RIE date in the previous issue.
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ERIC Document Reproduction Service (EDRS)

The ERIC Document Reproduction Service (EDRS) is operated by The National Cash Register Company. Request order forms from:

EDRS
The National Cash Register Company
4936 Fairmont Avenue
Bethesda, Maryland 20014

Prices for microfiche and/or hard copy undergo occasional changes which become effective when announced in Research in Education. EDRS prices cited in AIM and ARM reflect the prices in effect at the time of publication. Retrospective use of AIM and ARM require attention to the most recent price schedules and ordering information which is available in a current issue of RIE.

Scope of the Clearinghouse

The Clearinghouse on Vocational and Technical Education is responsible for acquiring, processing, and disseminating through the ERIC system, research reports, instructional materials, information analysis products and other resource materials related to vocational and technical education. In addition to this general area, coverage includes the specific occupational fields of agricultural education, business and office occupations education, distributive education, health occupations education, home economics education, technical education, trade and industrial education, and new sub-professional fields. The clearinghouse scope also encompasses the related fields of industrial arts education, manpower economics, occupational psychology, and occupational sociology. The following subject categories when specifically oriented to vocational-technical education and its related fields are included in the scope of the clearinghouse: administration and supervision, curriculum, employment and occupations, evaluation and measurements, facilities and equipment, historical studies, individuals with special needs, instructional materials and devices, philosophy and objectives, research design and development, occupational guidance and other student personnel services, students, teachers, teacher education, teaching and learning.

Acquisitions

The adequacy of information in this publication, as well as other services of this Clearinghouse, is directly related to the extensiveness of the information acquired and processed into the system. This Clearinghouse has assumed the initiative in obtaining as much of the available information as possible. However, it is impossible for any organization to achieve complete and comprehensive coverage of a field as vast as vocational education without the cooperation and assistance of the profession. The growth and ultimate effectiveness of the system require supplemental efforts of its users. Any person in the vocational or technical field is invited to forward to the Clearinghouse two copies of items relating to vocational-technical education for possible inclusion in the system. Questions relating to this endeavor should be directed to the Acquisitions Specialist at the Clearinghouse.

Abbreviations

AIM	*Abstracts of Instructional Materials in Vocational and Technical Education*
ARM	*Abstracts of Research and Related Materials in Vocational and Technical Education*
ED	ERIC Document
EDRS	ERIC Document Reproduction Service
ERIC	Educational Resources Information Center
HC	Hard copy
MF	Microfiche
RIE	*Research in Education*
VT	Vocational-Technical

SAMPLE RESUME

Accession Number--an identification number sequentially assigned to reports as they are processed.

Author(s)--the individual(s) who prepared the report.

EDRS Price--price of the document through the ERIC Document Reproduction Service. "MF" means microfiche; "HC" means hardcopy.

Report Number would appear here.

If item cited appeared originally in a journal, a journal citation would appear here.

Publication Date.

Total number of printed pages in the report, including cover and appendices.

Identifiers would appear here. These are acronyms, geographical areas, conferences, organizations, tests (e.g. Binet), etc. Only the major identifiers preceded by an asterisk are printed in the index.

Abstract--a condensation of the report in about 200 words. When applicable, it includes the purpose, procedure, results, and conclusions of the research activity.

VT 004 376 ED 020 326

Asbell, Bernard

New Directions in Vocational Education, Case Studies in Change.

Office of Education (DHEW), Washington, D.C. Bureau of Research

EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.

OEC-1-6-004-32-0432

OE-80047

Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS5.280:80047, $.30).

Pub Date - 67 61p.

*CASE STUDIES (EDUCATION); ADOPTION (IDEAS); *EDUCATIONAL CHANGE; TECHNICAL EDUCATION; *VOCATIONAL EDUCATION; AREA VOCATIONAL SCHOOLS; SLOW LEARNERS; PARAMEDICAL OCCUPATIONS; OCCUPATIONAL CLUSTERS; POST SECONDARY EDUCATION; EDUCATIONAL INNOVATION

SAN FRANCISCO; CALIFORNIA; *RICHMOND PRETECHNICAL PROGRAM; OHIO; GEORGIA; PHOENIX; ARIZONA; QUINCY; MASSACHUSETTS

In recent efforts of the U.S. Office of Education to bridge the gap between development and adaptation of educational practice, visibility has been given to communities which have introduced new curriculums, teaching methods, and institutional patterns. Five locally initiated programs which have attempted to provide a flexibility of the educational system.......................................and education leaders at state and local levels. Quincy, Massachusetts, is an example of a city in which vocational education has shifted from training for a single skill to preparing individuals for a cluster of occupational skills. (JM)

If ED is followed by numbers, item has been announced in Research in Education. If ED is not followed by numbers, the issue of RIE in which the abstract is scheduled to appear follows the ED prefix.

Title of report.

Institutional Source--the organization responsible for the report.

Sponsoring Agency--would appear here if different than Institutional Source.

Grant Number and Program Area Number would appear on this line.

Commercial, institutional, and other sources of availability if known at time of printing. Cost is included.

Descriptors--the subject terms assigned by an indexer to characterize the contents of a report. Only the major terms, those preceded by an asterisk, are printed in the index.

Abstractor's Initials.

Availability Key for Materials Reported in ARM

Accession Number:	Availability on Microfiche
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VT number only supplied	Available on microfiche in VT-ERIC set from EDRS as indicated.
Items not available through EDRS or in a VT-ERIC set will usually have a source of availability cited on the availability line in the resume.	

ERRATA

1. VT 002 191, appearing on page 10 of ARM Fall 1969, lists 67 pages and a hard copy price of $3.45. The correct number of pages is 77, and the hard copy price should read $3.95.

2. VT 005 794, appearing on page 27 of ARM Fall 1969, lists the sponsoring agency as: National Committee on Technology, Automation and Economic Progress, Washington, D.C. This information should read:

   National Commission on Technology, Automation and Economic Progress, Washington, D.C.

3. The availability statement for VT 001 797, appearing on page 5 of ARM Fall 1969, should read as follows:

   Superintendent of Documents
   U.S. Government Printing Office,
   Washington, D.C. 20402 (FS5.280:80034, $.15).

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Guides, standards, conference proceedings, program descriptions, and research reports concerning educational program planning, program development, program administration, advisory committees, and experimental, pilot, and demonstration projects.

CURRICULUM SECTION 477

Workshop reports, conference proceedings, research reports, speeches, and papers concerning curriculum research and development.

EMPLOYMENT AND OCCUPATIONS SECTION 487

Bibliographies, descriptive reports, occupational survey reports, conference reports, and research studies concerning manpower needs, development, and utilization; employment qualifications, patterns, projections, opportunities, and trends; labor force and labor market; educational needs and opportunities; labor economics; and employment statistics supporting needed vocational education programs for specific occupational categories.

EVALUATION AND MEASUREMENTS SECTION 523

Research reports, conference proceedings, follow-up studies, and instruments concerning the evaluation and measurement of students and programs. See other sections for other kinds of evaluation, e.g. Teachers and Teacher Education Section for teacher evaluation.

FACILITIES AND EQUIPMENT SECTION 531

Standards, plans, procedure guidelines, specifications descriptions, and research reports concerning facilities and equipment.

HISTORICAL STUDIES SECTION 535

Materials on the historical development of vocational-technical education.

INDIVIDUALS WITH SPECIAL NEEDS SECTION 537

Research, descriptive, and conference reports concerning individual characteristics, educational needs, and programs for physically handicapped, emotionally disturbed, and socially, culturally, economically, and educationally disadvantaged groups.

PHILOSOPHY AND OBJECTIVES SECTION 547

Reports, papers, speeches, and other documents concerning educational philosophies, roles, and objectives for vocational and technical education programs and related fields, e.g. industrial arts education.

RESEARCH DESIGN, DEVELOPMENT AND UTILIZATION SECTION 551

Descriptions, bibliographies, conference proceedings and other publications concerning research efforts and needs, research coordinating unit activities, educational change, research design, research methodology, research utilization, and abstracts of research reports.

STUDENTS, OCCUPATIONAL GUIDANCE AND OTHER STUDENT PERSONNEL SERVICES SECTION 559

Program descriptions, program guides, research reports and other documents concerning vocational counseling, occupational guidance, occupational choice, occupational and educational aspiration, career and employment opportunities, career planning, occupational information, student characteristics, and student organizations.

TEACHERS AND TEACHER EDUCATION SECTION 569

Program descriptions, conference proceedings, and research reports concerning teacher education, teacher characteristics, teacher employment, and teacher evaluation.

TEACHING AND LEARNING SECTION 575

Research reports, conference proceedings and other documents concerning teaching methods and the learning process.

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Bibliographies, directories, and other information sources concerning materials not focused on substantive problems found in other categories.

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ADMINISTRATION AND SUPERVISION SECTION

VT 000 679
Marshall, H. Peter
Notes on Vocational and Technical Education in West Virginia.

West Virginia Univ., Morgantown. Center for Appalachian Studies and Development
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Oct67 114p.

*VOCATIONAL EDUCATION, EDUCATIONAL PROBLEMS; *PROGRAM DEVELOPMENT; *EDUCATIONAL LEGISLATION; *EXPENDITURES; EDUCATIONAL POLICY; POST SECONDARY EDUCATION; SECONDARY EDUCATION; EDUCATIONAL RESEARCH; EDUCATIONAL PROGRAMS; EDUCATIONAL TRENDS; *PROGRAM DESCRIPTIONS
WEST VIRGINIA

This working notebook on vocational and technical education has been prepared in two parts. Part I briefly summarizes the need and current status of vocational and technical education in West Virginia. Emphasis is placed on an identification of issues and trends which should influence the future directions of program development. Part II, or the appendix, includes most of the working data. This includes a discussion of federal legislation, vocational education at the secondary level, vocational and technical education at the post-secondary level, plus a statistical summary of public expenditures for vocational and technical education. (CH)

VT 000 771
Home Care...What It Is. PHS Publication No. 1655.

Public Health Service (DHEW), Arlington, Va. Div. of Medical Care Administration
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun67 8p.

*COMMUNITY HEALTH SERVICES; PROGRAM DEVELOPMENT; NURSING; *FEDERAL PROGRAMS; *HISTORICAL REVIEWS; *PROGRAM DESCRIPTIONS
*HOME HEALTH SERVICES

The booklet: (1) defines basic terms, (2) outlines the levels of care to the sick at home, (3) reviews important factors in the development of home care in the United States, and (4) presents basic information related to planning a home care program. A related document is "Coordinated Home Care Training Manual," available as VT 008 461 (in this issue). (JK)

VT 000 967
Burt, Samuel M.
If I Were a Member of a Vocational-Educational Advisory Committee.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - Aug67 5p.; Speech presented to the University of Michigan Leadership Development Program for Vocational and Technical Education (Ann Arbor, Michigan, August 15, 1967).

*ADVISORY COMMITTEES; *VOCATIONAL EDUCATION; *SCHOOL INDUSTRY RELATIONSHIP; *SPEECHES; SCHOOL COMMUNITY RELATIONSHIP; *ROLE PERCEPTION; PARTICIPANT INVOLVEMENT; PARTICIPANT SATISFACTION

An interesting exercise for any vocational or technical education program administrator would be to place himself in the role of a member of one of his advisory committee members and then to ask himself such questions as: What information would I like to have from the school people? In what ways could this committee be of real assistance to the school? What would I like to have happen at the committee meetings? Activities supporting individual advisory committee members relative to the importance of the service they are rendering are exact knowledge of what is expected of him as a committee member in the way of advice, assistance, and cooperation; provision of information concerning vocational education developments within the school system as well as state and national levels; to be kept informed of special studies affecting the educational program of the school system; and to be invited to attend meetings of other organizations involved in manpower development in utilization programs which may have some influence on the school program or on the particular industry's interests. Such supporting services would complement an advisory committee member's specific task assignment by acquainting him with the educational and occupational environment in which a particular school system is functioning. (CH)

VT 001 078
Criteria for Quality, Part II, Proceedings of the National Conference for Associate Degree Programs in Nursing (4th, San Francisco, March 3-4, 1967).

National League for Nursing, New York, N.Y. Dept. of Associate Degree Programs
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($1.75).
Pub Date - 67 89p.

*HEALTH OCCUPATIONS EDUCATION; *COMMUNITY COLLEGES; *NURSING; CONFERENCE REPORTS; JUNIOR COLLEGES; *ASSOCIATE DEGREES; ACCREDITATION (INSTITUTIONS); FEDERAL LEGISLATION; TEACHING METHODS; TEACHER EDUCATION; *TECHNICAL EDUCATION; EDUCATIONAL CHANGE; AUDIOVISUAL AIDS; PROGRAM DESCRIPTIONS; COLLEGE PROGRAMS
*FOURTH NATIONAL CONFERENCE FOR ASSOCIATE DEGREE PROGRAMS IN NURSING, SAN FRANCISCO, CALIFORNIA, MARCH 3-4, 1967

The conference was the last of a series of meetings supported by Sealantic Funds, Inc. to assist in establishing and improving associate degree nursing programs. Speeches included in the document are: (1) "Nurse Training Act of 1964" by Jessie M. Scott, (2) "The Nursing Student Loan Program" by Mary L. Slevier (3) "Vocational Education Act of 1963" by Celeste Mercer, (4) "Criteria for Change" by Shirley Sears Chater, (5) "Innovations in Nursing Education" by Eleanor A. Tourtillott, (6) "Closed Circuit Television" by Beatrice Perlmutter, (7) "Developing Single-Loop Films and Teaching Aids Within the College Structure" by Shirley Conklin (supplemented by a demonstration by Robin W. Schechter), (8) "The University of Washington Program for Preparation of ADN Instructors" by Doris A. Geitgey, and (9) "Faculty Preparation for Associate Degree Nursing in a Masters Program" by Mary W. Searight. Also included are the presentations of a panel on accreditation: (1) "An Overview of Accreditation" by Frank G. Dickey, (2) "The American Association of Junior Colleges' View of the Associate Degree Nursing Program" by Bill J. Priest, (3) "The ANA Views Associate Degree Nursing" by Jo Eleanor Elliott, (4) "The Viewpoint of the NLN and the Department of Baccalaureate and Higher Degree Programs" by Lulu Wolf Hassenplug, and (5) "Values of Accreditation to a Community College" by James McCann. "Proceedings of the Annual General Meeting of the Council of Member Agencies of the Department of Associate Degree Programs" (VT 003 501, in this issue) is a related document. (JK)

VT 001 319
Industrial Arts for Mississippi Schools. Mississippi School Bulletin 147.

Mississippi State Dept. of Education, Jackson. Div. of Vocational and Technical Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 93p.

*INDUSTRIAL ARTS; *PROGRAM GUIDES; *ADMINISTRATOR GUIDES; *TEACHING GUIDES; SECONDARY GRADES; ELEMENTARY GRADES
MISSISSIPPI

Prepared as a guide for school administrators and industrial arts (I.A.) teachers in the secondary schools, this guide is a second revision of Bulletin 131. Chapter titles are: (1) Introduction, which includes objectives, definitions, and types of programs, (2) Suggestions to the School Administrator for Planning an Industrial Arts Program, (3) Organization and Administration of an Industrial Arts Program, (4) Suggested Shop Procedures, (5) Introduction to Industrial Procedures, and (6) Outlines of Courses of Study. Industrial arts is closely related to trade and industrial (T. and I.) education and has both prevocational and vocational values. Its objectives are more general than those of vocational trade training and afford valuable information to any student regardless of his vocational choice. Its purpose is to give an understanding and appreciation of the methods, materials, and products of industry and its place in our culture. It is recommended that schools offering T. and I. programs offer I.A. courses in grades 7, 8, 9, and 10. A minimum of 275 minutes of class time per week is required for I.A. courses. (EM)

VT 001 411 ED 029 941
Mortensen, Gunnar; Persson, Sven
Vocational Training in Norway.

Norwegian Joint Committee on International Social Policy, Oslo
EDRS PRICE MF-$0.50 HC-$5.45
Pub Date - Feb64 107p.

*VOCATIONAL SCHOOLS; *VOCATIONAL EDUCATION; *PUBLIC SCHOOL SYSTEMS; *OCCUPATIONAL CLUSTERS; VOCATIONAL TRAINING CENTERS; VOCATIONAL REHABILITATION; SCHOOL INDUSTRY RELATIONSHIP; SCHOOL COMMUNITY RELATIONSHIP; COMMUNITY SUPPORT; INDUSTRIAL TRAINING
*NORWAY

The purpose of this publication is to present Norway's industrial status, industrial manpower profile, and philosophy of vocational training. The relation between general and vocational education is discussed and Norway's educational system is outlined. Occupational areas receiving detailed discussion include (1) Agriculture, (2) Maritime Occupations (3) Industry and Handicraft, (4) Advanced Training Within Handicrafts, Industry, Commerce and Clerical Work, (5) School Training in Commerce and Clerical Work, (6) Hotels and Restaurants, (7) Social Services, (8) Domestic Work, (9) Public Utilities Services, and (10) Rehabilitation of the Handicapped. The publication concludes with a discussion of the economic position of vocational school pupils and the role of vocational training in society. (CH)

VT 001 463
A Guide in the Administration of Vocational Education in Connecticut in the Regional Vocational-Technical Schools State Technical Institutes. Bulletin No. 40.

Connecticut State Dept. of Education, Hartford. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 77p.

*VOCATIONAL EDUCATION; TECHNICAL EDUCATION; *ADMINISTRATOR RESPONSIBILITY; TEACHER SUPERVISION; PERSONNEL POLICY; LEADERSHIP; TEACHER ORIENTATION; TEACHER EVALUATION; ADMINISTRATIVE PRINCIPLES; *PROGRAM ADMINISTRATION; STAFF ORIENTATION; *ADMINISTRATOR GUIDES; *ADMINISTRATOR ROLE; PUBLIC RELATIONS
CONNECTICUT

The importance of sensitivity to trends in education and industry and leadership ability in achieving vocational-technical program transitions and modifications are stressed in this expression of administrator concern. Major sections are: (1) Leadership; with subtopics of Leadership Defined, The Administrator as a Leader of a Staff, and The Administrator as a Leader in the Community, (2) Personnel Matters; including such topics as Orientation of the New Instructor, Cooperative Planning, Communication, Status and Recognition, Instructor Evaluation, and Professional Improvement, (3) Supervision of Instruction; including such topics as The Director or Assistant Director as a Supervisor, The Department Head's Supervisory Function, and Teacher and Supervisor Cooperation, and a sample form for instructor evaluation, (4) Managerial and Operating Responsibilities; including such topics as Regulations, Finances, Records and Reports, Production Work, The Adult Education Program, Evaluation, and Consulting Committees, and (5) Public Relations; including Implementation of the Program and The "Publics" and Their Roles. A sample public relations chronological schedule is also included. (JK)

VT 001 509
Establishing and Operating Area Vocational-Technical Education Programs in Michigan. Bulletin 2153.

Michigan State Board of Education, Lansing. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 23p.

*PROGRAM ADMINISTRATION; *PROGRAM DEVELOPMENT; *AREA VOCATIONAL SCHOOLS; FEDERAL LEGISLATION; STATE LEGISLATION; *VOCATIONAL EDUCATION; TECHNICAL EDUCATION; EDUCATIONAL PLANNING; SCHOOL INDUSTRY RELATIONSHIP; *ADMINISTRATOR GUIDES; SURVEYS
MICHIGAN

The state vocational-technical education curriculum committee prepared this bulletin to assist in developing area vocational programs. The content areas received brief treatment since more extensive treatment was anticipated for other publications. The premise for an area vocational center was that the small secondary school cannot provide the diversified program and special facilities necessary for the equalization of opportunities in vocational education. However, programs operated on an area basis can serve a wide geographical region which has sufficient numbers of students, the necessary financial resources needed to provide the facilities, the special personnel, and the broad curriculums essential for quality vocational education. The main sections are: (1) the concept of area vocational-technical education programs, (2) suggested steps for conducting an area vocational-technical education study, (3) legal provisions regarding area vocational-technical education programs, (4) organizational patterns for area vocational-technical education programs, (5) planning facilities for area vocational-technical education programs, (6) developing curriculums, and (7) establishing desirable relationships with business, industry, and labor. (SL)

VT 001 561
Smith, Harold T.; Thole, Henry C.
Occupational Education Needs in Kalamazoo County, Michigan.

Upjohn (W.E.) Inst. for Employment Research, Kalamazoo, Mich.
MF AVAILABLE IN VT-ERIC SET.
The W.E. Upjohn Institute for Employment Research, 300 South Westnedge Avenue, Kalamazoo, Michigan 49007 (no charge).
Pub Date - Jul66 55p.

*OCCUPATIONAL SURVEYS; *VOCATIONAL EDUCATION; *EDUCATIONAL NEEDS; SECONDARY EDUCATION; *SCHOOL SURVEYS; COMMUNITY COLLEGES; COOPERATIVE EDUCATION; COMPREHENSIVE HIGH SCHOOLS; AREA VOCATIONAL SCHOOLS; HIGH SCHOOLS; *EDUCATIONAL PLANNING; PROGRAM IMPROVEMENT; EDUCATIONAL OBJECTIVES; POST SECONDARY EDUCATION
KALAMAZOO COUNTY; MICHIGAN

What students believe they need beyond a high school education was determined through a survey of all eleventh grade students in Kalamazoo County, Michigan in 1965. Data revealed that 46.8 percent of the students were enrolled in college preparatory courses, 14.9 percent in business education, 6.8 percent in industrial education, 28.4 percent in general education, from a total of 2,470 students. Of these students, 40 percent expected to graduate from college, and 40 percent expected to acquire 2 years of college or some occupational training. The remaining 20 percent did not expect to acquire any further training beyond high school. A survey of industry in the county reveals that industry should continue its on-the-job training, with a greater variety of academic and technical job-related courses. Planning should be long range, realistic, with more emphasis upon apprenticeship training and cooperation between industry and institutions. Many students need work experience, remedial programs or other helps. A reorganization of the work study program is suggested with an intermediary agency acting as liaison for employers and students, and the Vocational Education Center and the Area Vocational School offering occupational preparation. For post-secondary education, a comprehensive community college would provide many of the vocational and technical needs for the county. (MS)

VT 001 621
Annual Descriptive Report to the U.S. Office of Education, 1965-1966. Section II, Distributive Education.

Iowa State Dept. of Public Instruction, Des Moines. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 56p.

*DISTRIBUTIVE EDUCATION; *EDUCATIONAL PROGRAMS; POST SECONDARY EDUCATION; ADULT VOCATIONAL EDUCATION; SECONDARY EDUCATION; *ANNUAL REPORTS; *STATE PROGRAMS; *PROGRAM DESCRIPTIONS
IOWA

Information reported includes: (1) the program agenda for the state conference of teacher-coordinators, (2) instructional programs and activities on the high school and post-secondary levels, (3) directory of distributive education programs, (4) distributive education enrollment, (5) placement of distributive education cooperative trainees, and (6) activities of the teacher education programs. (SL)

VT 001 679
Guide for Public Schools in Planning Programs of Vocational Education for In-School Students.

Texas Education Agency, Austin
MF AVAILABLE IN VT-ERIC SET.
Pub Date - May65 110p.

*PROGRAM GUIDES; PROGRAM ADMINISTRATION; *PROGRAM PLANNING; *VOCATIONAL EDUCATION; *HIGH SCHOOLS; FEDERAL PROGRAMS; *STATE PROGRAMS; PROGRAM DESCRIPTIONS; RECORDS (FORMS)
TEXAS

Except for the section on area vocational schools, information in this guide is confined to regular programs for high school students and special programs for persons who have academic, socio-economic or other handicaps preventing them from succeeding in the regular programs of vocational education. The guide was designed to assist public schools in planning, establishing, conducting, and evaluating programs of vocational education. Contents include: (1) policies on allocation and reallocation of vocational teacher units, (2) description and requirements for programs of vocational education in agriculture, home economics, distributive education, industrial education, health occupations, technical education, and office education, (3) special programs for handicaps, (4) area vocational school programs, and (5) description and requirements for the work-study program. Forms included in the appendix are: (1) a Cooperative Training Plan Agreement, (2) Application for Approval as an Area Vocational-Technical School, and (3) an Application for Approval of Reimbursable Construction of Area Vocational-Technical School Facilities. (PS)

VT 001 681
Child, Toni
Guide for Industrial Arts Education in South Carolina Schools.

South Carolina Industrial Arts Education Committee
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 63 66p.

*PROGRAM GUIDES; *INDUSTRIAL ARTS; RESOURCE MATERIALS; CURRICULUM; *SCHOOL SHOPS; *PROGRAM ADMINISTRATION; INDUSTRIAL ARTS TEACHERS; RECORDS (FORMS); TEACHER QUALIFICATIONS; INSTRUCTIONAL PROGRAM DIVISIONS; LABORATORY SAFETY
SOUTH CAROLINA

The purpose of this guide is to assist industrial arts teachers, school administrators, school boards, and supervisors in planning, organizing, and conducting industrial arts programs. Chapter headings are: (1) Introduction, (2) Relationship to Other Curriculum Subject Fields, (3) Administration, (4) Instructional Areas, (5) Types of Laboratories, (6) Laboratory Facilities, (7) Arrangement and Equipment of Industrial Arts Education Department, (8) Records and Forms, Student Assistants, (9) School Laboratory Safety, (10) Teacher Preparation, Certification, and In-Service Training, and (11) Professional Growth. A bibliography of textbooks and program guides is also given. (EM)

VT 001 992
Slocum, Robert L.
Education and Employability, An Area Vocational Study.

Ingham Intermediate Board of Education, Mason, Mich.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jan67 64p.

*SCHOOL SURVEYS; *AREA VOCATIONAL SCHOOLS; *EDUCATIONAL NEEDS; HIGH SCHOOLS; *POST SECONDARY EDUCATION;
*COMMUNITY COLLEGES; EMPLOYMENT OPPORTUNITIES
INGHAM COUNTY; MICHIGAN

The school superintendents of Ingham County, Michigan, initiated this study because they felt the county was not adequately meeting the occupational training needs of their students. Based upon the evidence of the study it was concluded that: (1) Comprehensive vocational programs were inadequate, (2) More vocational counseling was needed, (3) An expansion at the community college level was needed, (4) A continuity between secondary and community college offerings should be provided, and (5) Job openings were available to warrant increased facilities. It was recommended that vocational and technical education should be made available to all youths and adults who need it, want it, and can profit by it. Numerous recommendations are made for finances, locations, course offerings, admittance, staffing, etc. Course offerings and physical facilities needed are listed. Better utilization of staff and facilities should be a result of the location recommended and the availability for use of the Centers by special secondary programs. Sixteen school districts and approximately 67,000 students were included in the study. The two new proposed Area Vocational Technical Centers would serve 1,900 secondary students and 2,200 college students. (MS)

VT 002 111
Vocational Agriculture in Indiana Schools.

Indiana State Dept. of Public Instruction, Indianapolis. Agriculture Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 65 22p.

*VOCATIONAL AGRICULTURE; *PROGRAM GUIDES; *STATE FEDERAL SUPPORT; *STATE STANDARDS; EDUCATIONAL FACILITIES;
INSTRUCTIONAL PROGRAMS; TEACHER QUALIFICATIONS; ADVISORY COMMITTEES; TEACHER EMPLOYMENT; SCHOOL POLICY;
*PROGRAM ADMINISTRATION
INDIANA

The purpose of this handbook is to assist school boards, administrators, and others to understand the relationships between local, state, and national levels in providing vocational education in agriculture. The legal requirements and current practices are explained. Reimbursement policies, instructional programs, and summer programs are specified. Recommended facilities are given for classroom, conference room, demonstration laboratory, and agricultural mechanics laboratory. Teacher qualifications are specified and teacher travel budgets are described. The use of advisory committees is encouraged. Some desirable standards are listed relative to instruction, transportation, teacher employment, instructional follow-up, advisory committee, physical facilities, annual program of work, and local school policy. The appendix includes the system of classifying schools, reimbursement, and qualifications for classification of schools. (JM)

VT 002 170
Murphy, Ottis
Attitudes and Social Characteristics of Vocational Rehabilitation Referrals; A Study of Differences Among Groups of Referrals...in 39 Counties of Eastern Kentucky.

Kentucky Univ., Lexington. Bureau of School Service
Vocational Rehabilitation Administration (DHEW), Washington, D.C.
Kentucky State Dept. of Education, Frankfort. Bureau of Vocational Rehabilitation Services
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun67 96p.

*VOCATIONAL REHABILITATION; *INDIVIDUAL CHARACTERISTICS; *PROGRAM EFFECTIVENESS; *REFERRALS; INDIVIDUAL
DIFFERENCES; COMPARATIVE ANALYSIS; DECISION MAKING; HANDICAPPED; AGENCIES; ATTITUDES
KENTUCKY

The study was undertaken to obtain information which might reveal some of the reasons why a large percentage of clients are not satisfactorily rehabilitated. Over 50 percent of the 1,489 referrals whose cases were closed during 1964 did not receive services beyond the advice that they were either eligible or ineligible. Through study of the records of closed cases and interviews with clients, three groups--699 who were accepted and served, 306 who declined services, and 218 to whom services were denied--were compared on seven characteristics. Some findings were: (1) Referrals living near district offices were more likely to accept and be accepted for services, (2) Males were more likely to decline services, (3) Referrals under 25 were more likely to decline services than those of the older age brackets, (4) Referrals who had been employed in clerical jobs, farming, homemaking, or as students were more likely to accept services than those who had been employed in construction jobs, factory jobs, or labor types of employment, while the latter were more likely to be denied them. Other factors which the findings indicated were relevant were (1) sources of referrals, (2) types of disabilities, and (3) educational levels. Individuals who accepted services held the most favorable image of the agency and those who were denied services the least favorable. (JK)

VT 002 234
Office of Education Instructional Codes, Titles and Definitions for Use in Office Occupations.

Wyoming State Dept. of Education, Cheyenne
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 9p.

*CODIFICATION; *OFFICE OCCUPATIONS EDUCATION; *OFFICE OCCUPATIONS

An ad hoc committee working with The National Center for Educational Statistics has developed Code 14-0000 for Office Education. It is intended that this system will assist in standardizing reporting by local and state educational agencies. Definitions are provided for the following codes and titles: .0100 Accounting and Computing, .0200 Business Data Processing Systems, .0300 Filing, Office Machines, and General Office Clerical, .0400 Information Communication, .0500 Materials Support, Transportation, Storing, and Recording, .0600 Personnel, Training, and Related, .0700 Stenographic, Secretarial, and Related, .0800 Supervisory and Administrative Management, .0900 Typing and Related, .1000 Miscellaneous Office, and .9900 Other. (PS)

VT 002 236
Vocational Education and the Colleges.

American Council on Education, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
American Council on Education, 1785 Massachusetts Avenue, N.W., Washington, D.C. 20036.
Special Report on Federal Programs; v3 n5.

*FEDERAL LAWS; *FEDERAL AID; *VOCATIONAL EDUCATION
*VOCATIONAL EDUCATION ACT OF 1963

The Federal Vocational Education Act of 1963 made $262 million available in Fiscal 1966 for vocational education programs conducted by any type of public or private school or college. These included regular or vocational-technical high schools, secondary or post-secondary area vocational schools, technical institutes, junior and community colleges, and 4-year colleges and universities. Federal funds are allotted to the states on a matching basis of an equal amount of state or local public funds. Federal support may be provided for programs to train persons for semiskilled, skilled, or technical jobs in any recognized occupation except professional positions or those requiring a baccalaureate or higher degree. Except for area vocational schools. Federal assistance is limited to operating expenses of a program. The Act requires that at least 3 percent of each state's allotment be devoted to ancillary services and activities and 10 percent for research and experimentation to improve and strengthen the program. Information on the work-study program, residential schools, and application procedures is included. (WB)

VT 002 248
Manpower Development and Training Act of 1962, As Amended.

Congress of the U.S., Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 22p.

*FEDERAL LAWS; *MANPOWER DEVELOPMENT; *VOCATIONAL EDUCATION; *FEDERAL PROGRAMS; *JOB TRAINING
*MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS

The purpose of this Act was to require the federal government's appraisal of the manpower requirements and resources of the United States, and to develop and apply the information and methods needed to deal with the problems of unemployment resulting from automation and technological changes and other types of persistent unemployment. Title I sets forth the duties of the Secretary of Labor relative to evaluation, information, and research; job development programs; labor mobility demonstration projects; trainee placement assistance demonstration projects; skill and training requirements; and reports on manpower requirements, resources, utilization, and training. Title II further sets forth the duties of the Secretary relative to the selection of trainees, training allowances, on-the-job training, national advisory committees, state agreements, and the making of rules and regulations. It also gives the duties of the Secretary of Health, Education, and Welfare relative to administration of the Act, an annual report to Congress, redevelopment areas, correctional institutions, and work experience programs. Title III gives the apportionment of benefits under the Act, authorized appropriations, appropriation limitations, and terminal dates. (EM)

VT 002 558
A Guide for Developing an Agreement between the School and the Hospital.

Florida State Dept. of Education, Tallahassee. Technical and Health Occupations Education Section
MF AVAILABLE IN VT-ERIC SET.
Florida State Department of Education, Room 271, Knott Building, Tallahassee, Flordia 32304 (single copies without charge).
Pub Date - Sep65 6p.

*HEALTH OCCUPATIONS EDUCATION; *CONTRACTS; *HOSPITALS; CLINICAL EXPERIENCE; *VOCATIONAL SCHOOLS; *JUNIOR COLLEGES; AGENCY ROLE; INTERAGENCY COOPERATION; COOPERATIVE PROGRAMS; GUIDELINES

A sample form for an agreement between a school controlling an educational program in practical nursing and a hospital providing clinical facilities includes the following sections: General Provisions, The School's Responsibility, The Hospital's Responsibility, School Policies, Request for Withdrawal of Students, Discontinuance of Agreement, Renewal of Agreement, and availability of copies of the agreement. (JK)

VT 002 571
Training Home Economics Program Assistants to Work with Low Income Families.

Department of Agriculture, Washington, D.C. Federal Extension Service
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (A1.68:681, $.55).
Pub Date - 65 112p.

*OCCUPATIONAL HOME ECONOMICS; *NONPROFESSIONAL PERSONNEL; *TEACHER AIDS; FAMILY LIFE EDUCATION; FAMILY MANAGEMENT; *PROGRAM GUIDES; *VISITING HOMEMAKERS; LOW INCOME GROUPS; COMMUNITY INVOLVEMENT; HOMEMAKING EDUCATION; PROGRAM DEVELOPMENT; INSTRUCTIONAL AIDS; QUESTIONNAIRES

The program proposes to train non-professional workers to help low income families raise their aspirations, develop pride in homemaking, improve homemaking skills, have a more satisfying home and family life, improve family health, gain knowledge of child development and to understand their community and its resources. Section I outlines the philosophy of the program, community resources, program assistant recruitment, relationships and other program planning and initiation considerations. Section II covers selection and training of program assistants. Teaching procedures and aids are discussed and illustrated in Section III with forms, questionnaires, discussion guides, case studies, role playing skits, and a course of study. Section IV, A Handbook for Program Assistants, contains information about job responsibilities, standards, home visits, adult education, interaction with family members, motivation and family record keeping. (FP)

VT 002 584
Kaufman, Jacob J., And Others
The Role of the Secondary Schools in the Preparation of Youth for Employment. Summary, Conclusions, and Recommendations.

Pennsylvania State Univ., University Park. Inst. for Research on Human Resources
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Feb67 22p.

*VOCATIONAL EDUCATION; *PUBLIC OPINION; HIGH SCHOOL GRADUATES; *PROGRAM ADMINISTRATION; TEACHER EDUCATION; ADVISORY COMMITTEES; OCCUPATIONAL GUIDANCE; JOB PLACEMENT; *PROGRAM EVALUATION; EMPLOYER ATTITUDES; LABOR UNIONS; *HIGH SCHOOL ROLE; TEACHER ATTITUDES; EMPLOYMENT LEVEL; EMPLOYMENT PATTERNS; PROGRAM EFFECTIVENESS

Data were gathered by interview and questionnaire in nine cities from 1,600 teachers in 16 schools, 658 employers, 90 union officials, 2,826 job supervisors, and a total of 8,523 graduates from high school academic, general, and vocational curriculums. The study concerned the adequacy and image of vocational education, how it should be conducted, and the role of vocational education in preparing minority groups and disadvantaged youth. Findings concerned (1) the image of vocational education in schools, communities, and in relation to advisory committees, and (2) vocational education in relation to girls, minority groups, and the disadvantaged. Recommendations were made regarding offerings, administration, personnel, advisory committees, guidance, placement, followup, evaluation, and organization. The complete report, of which this is a summary, appears in Research in Education, September 1967, as ED 011 060. (JM)

VT 002 638
Leadership for Quality: Report of a Conference Held by the Department of Associate Degree Programs of the National League for Nursing (St. Louis, Missouri, March 4-5, 1966).

National League for Nursing, New York, N.Y. Dept. of Associate Degree Programs
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($1.50).
Pub Date - 66 54p.

SPEECHES; *ACCREDITATION (INSTITUTIONS); PROFESSIONAL ASSOCIATIONS; *AUTOINSTRUCTIONAL METHODS; AUDIOVISUAL AIDS; AUTOINSTRUCTIONAL AIDS; COOPERATIVE EDUCATION; *CONFERENCE REPORTS; *HEALTH OCCUPATIONS EDUCATION; *NURSING; NURSES; INSTRUCTIONAL TECHNOLOGY; INSTRUCTIONAL MEDIA; INSTRUCTIONAL INNOVATION
*LEADERSHIP FOR QUALITY CONFERENCES, ST. LOUIS, MISSOURI, MARCH 4-5, 1966

"Principles, Practices, and Problems of Accreditation--A Few Observations," a speech by Norman Burns, is summarized. Other speeches, presented in total, are: (1) "The Accrediting Program of the National League for Nursing" by Mary F. Liston, (2) "A Position Paper on Specialized Accreditation in the Junior Community College" by Dwight C. Baird, (3) "Audio Tutoring--A Method for Independent Study" by Samuel N. Postlethwait, (4) "Audio-Tutorial Laboratory" by Patricia Ann Walker, (5) "Audio-Tutorial and Mobile-Tutorial Laboratory Techniques in Nursing Education" by Crystal M. Lange, (6) "Cooperative Education in a Nursing Curriculum" by Charlotte E. Voss, (7) "Newer Uses of Television" by Anastasia M. Hartley, (8) "Multiple Assignments" by Janet T. Galeener, and (9) "New Approach to Education" by Mary E. Jensen. A report of a discussion on accreditation is included in the Appendix. (JK)

VT 002 641
Vocational Education Opportunities for North Carolina High Schools, 1967-68 School Year.

North Carolina State Dept. of Public Instruction, Raleigh. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 28p.

*VOCATIONAL EDUCATION; *EDUCATIONAL PLANNING; VOCATIONAL DIRECTORS; PREVOCATIONAL EDUCATION; *ADMINISTRATOR GUIDES; PROGRAM PLANNING; *STATE STANDARDS; PROGRAM DESCRIPTIONS
NORTH CAROLINA

The publication is designed to assist supervisors, principals, teachers, and others in planning a program of vocational education. The suggested pattern includes: (1) ninth grade introductory courses, through which students learn about occupations, occupational requirements, and educational opportunities for meeting the requirements, (2) 10th grade offerings in trade and industrial, distributive, business occupations, home economics, and agricultural education, in which students explore occupational interests in greater depth and begin to develop occupational skills, and (3) 11th and 12th grade specialized courses in which specific skills for specific occupations are taught. Other sections of the document present: (1) the general conditions for allocation of positions in vocational education, (2) the conditions for allocation of the position of local director and the duties and minimum requirements of that position, and (3) brief descriptions of the specialized areas of vocational education. (JK)

VT 002 733
Wellemeyer, J.F., Ed.; Hauser, Francis L., Ed.
Seminar on Problems of Manpower Planning, Development, Utilization, Distribution and Administration (June 18-September 19, 1962).

Agency for International Development, Washington, D.C. Communications Resources Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 62 191p.

FOREIGN COUNTRIES; *HUMAN RESOURCES; *ECONOMIC DEVELOPMENT; MANPOWER DEVELOPMENT; *VOCATIONAL EDUCATION; MANPOWER NEEDS; *PLANNING; *DEVELOPING NATIONS; SEMINARS

This second annual manpower seminar was held for the purpose of exploring the relationship between economic development plans and human resources policies in developing countries. Twenty-two policy-level officials from 14 countries participated in order to discuss, analyze, and study these subjects. Presentations and papers are summarized under these topics: (1) Problems of Economic Development, (2) Problems of Labor Force Distribution, (3) Problems of Skill Acquisition in the Rural Labor Force, (4) Problems of Skill Acquisition in the Urban Labor Force, (5) Manpower Problems in Planning, and (6) Manpower Administration. (EM)

VT 003 501
Criteria for Quality, Part I, Proceedings of the Annual General Meeting of the Council of Member Agencies of the Dept. of Associate Degree Programs (2nd, San Francisco, March 2, 1967).

National League for Nursing, New York, N.Y. Dept. of Associate Degree Programs
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($1.25).
Pub Date - 67 48p.

*HEALTH OCCUPATIONS EDUCATION; *COMMUNITY COLLEGES; *NURSING; NATIONAL ORGANIZATIONS; ACCREDITATION (INSTITUTIONS); TEACHER EDUCATION; *CONFERENCE REPORTS; SPEECHES; INTERNSHIP PROGRAMS; *TECHNICAL EDUCATION; EDUCATIONAL PHILOSOPHY; ASSOCIATE DEGREES; COLLEGE PROGRAMS
*SECOND ANNUAL GENERAL MEETING OF THE COUNCIL OF MEMBR AGENCIES OF THE NATIONAL LEAGUE FOR NURSING, SAN FRANCISCO, CALIFORNIA, MARCH 2, 1967

Sixty-seven representatives of member agencies, 31 representatives of state boards of nursing, and 98 guests and National League for Nursing staff attended the meeting. At the business session, the president reviewed the development of the Department of Associate Degree Programs and discussed the growth of these programs. The second draft of program evaluation criteria was adopted. The director of the Department of Associate Degree Programs reported for the staff and urged the proper utilization of qualified staff from nursing programs which are closing. Speeches presented at the general session and included in the document are: (1) "Educational Criteria and Social Change" by Ellen Fahy, (2) "Problems and Issues in Accreditation by Specialized Agencies of Vocational-Technical Curricula in Post-Secondary Institutions" by Lloyd E. Messersmith,

(3) "Teacher Preparation" by Mildred L. Montag, (4) "Teacher Preparation" by Martha E. Rogers, and (5) "The Junior College District Teaching Internship Program" by C.R. Hill. "Criteria for Quality, Part II, Proceedings of the National Conference for Associate Degree Programs in Nursing" (VT 001 078, in this issue) is a related document. (JK)

VT 004 825 ED 029 944
Study of Nurse Education Needs in the Southern New York Region.

Hospital Review and Planning Council of Southern New York, Inc., New York
National League for Nursing, New York, N.Y.
Public Health Service (DHEW), Washington, D.C. Div. of Nursing
EDRS PRICE MF-$0.75 HC-$7.65
Pub Date - Apr67 151p.

*EDUCATIONAL NEEDS; MANPOWER NEEDS; *NURSING; NURSES; QUESTIONNAIRES; *SCHOOL SURVEYS; EMPLOYMENT STATISTICS; PROGRAM DESCRIPTIONS; *EDUCATIONAL PROBLEMS; LABOR SUPPLY; EDUCATIONAL DEMAND; EDUCATIONAL SUPPLY; *HEALTH OCCUPATIONS EDUCATION; EDUCATIONAL TRENDS; EDUCATIONAL PROGRAMS; EDUCATIONAL PLANNING; INDIVIDUAL CHARACTERISTICS
NEW YORK

The study was undertaken to assess the needs of and facilities for professional nurse education in the 14-county region of Southern New York in order to provide direction for future planning. The information used in the study was a composite of: (1) available statistics, (2) data collected from 855 study participants through interviews, group discussions, and questionnaires, and (3) data obtained by surveying the educational and residence facilities of 39 of the 60 nursing schools in the region offering initial professional nursing educational programs in 1963-64. In all, 40,500 were currently employed and an additional 14,500 were estimated to be needed. By 1975, another 4,000 will be required in spite of increases in graduating classes. Fifteen recommendations include the following: (1) employer assessment of nurse utilization and working conditions, (2) greater hospital responsibility for selection and in-service training of workers employed to assist professional and technical personnel, (3) educational programs to assist out-of-country nurses to become licensed, (4) legislation providing assistance to nursing education, and (5) a crash recruitment program. (JK)

VT 005 270
Training of Technicians in Ireland.

Organisation for Economic Co-Operation and Development, Paris (France)
MF AVAILABLE IN VT-ERIC SET.
OECD Publication Center, Suite 1305, 1750 Pennsylvania Avenue, Washington, D.C. 20006 ($2.00).
Pub Date - Dec64 107p.

*TECHNICAL EDUCATION; *NATIONAL SURVEYS; *MANPOWER NEEDS; LABOR SUPPLY; PROGRAM EVALUATION; RECRUITMENT; TECHNICAL OCCUPATIONS; *EDUCATIONAL PRACTICE; MANPOWER UTILIZATION; FOREIGN COUNTRIES; MANPOWER DEVELOPMENT; EDUCATIONAL OPPORTUNITIES; TECHNICAL INSTITUTES; JOB TRAINING; EMPLOYEE RESPONSIBILITY; EMPLOYMENT; HIGHER EDUCATION; SECONDARY EDUCATION; ELEMENTARY EDUCATION; *PROGRAM DESCRIPTIONS
*IRELAND

For purposes of this review, a survey was conducted to stimulate interest in the technician problem among the Irish and to collect original information to be added to existing knowledge of the supply and training of technicians. The survey was carried out by means of a questionnaire and was supplemented by personal visits to many industrial firms. Points covered in the survey were the tasks, responsibilities, recruitment, and training of technicians. A second review, devoted to technical education in the light of economic development, focused on the demand and supply of technicians. A meeting was then held to discuss the findings of the two reviews. Recommendations were made based on the findings of the surveys and the interaction conference. (CH)

VT 005 462
Center for Studies in Vocational and Technical Education Report 1968.

Wisconsin Univ., Madison. Industrial Relations Research Inst.
Ford Foundation, New York, N.Y.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Nov68 93p.

*ANNUAL REPORTS; *RESEARCH AND DEVELOPMENT CENTERS; *VOCATIONAL EDUCATION; EDUCATIONAL RESEARCH; GRADUATE STUDY; PUBLICATIONS; CONFERENCES
*CENTER FOR STUDIES IN VOCATIONAL AND TECHNICAL EDUCATION; UNIVERSITY OF WISCONSIN

The Center for Studies in Vocational and Technical Education was established at the University of Wisconsin in Fall of 1964 under a five-year grant from Ford Foundation. Its functions are to examine, evaluate, and further the development of the nation's system of occupational education by means of interdisciplinary research, graduate study, colleges, the establishment of a national depository of reference materials, and the dissemination of publications resulting from research and conferences. In 1968, a series of research projects planned and coordinated in previous years came to fruition. These projects were carried on by interdisciplinary faculty with the assistance of graduate students drawn from a number of university departments. The findings have been reported in articles and monographs and a number of additional papers and research reports are expected to be published early in 1969. This report contains summaries of the publications and of the research in progress. In the past year the Center's reference unit has witnessed a continued growth of its library holdings and of its use by vocational educators and research personnel throughout the country. A series of conferences planned and supported by the Center during 1968 add significantly to the nation's store of knowledge concerning vocational and technical education. (CH)

VT 005 841
Shaw, Edith S.
Utah Women, Opportunities, Responsibilities.

Governor's Committee on the Status of Women in Utah, Salt Lake City
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 15Jun66 68p.

*WORKING WOMEN; WOMENS EDUCATION; COMMUNITY SERVICES; *LEGAL PROBLEMS; DEMOGRAPHY; HOUSEWIVES; *STATUS; ANNUAL REPORTS; EMPLOYMENT OPPORTUNITIES; LABOR LAWS; STATE PROGRAMS; *EMPLOYMENT; POLITICAL ATTITUDES; SOCIAL ATTITUDES
UTAH

The committee was organized to (1) compile collected data on the status of women in Utah for constructive action, (2) remove barriers against women, and (3) draft implementing legislation to carry out committee objectives. The investigation centered around employment, legal status, political and civic responsibilities, and the needs and responsibilities of women in community and family services. Committee recommendations are included throughout, and an introductory section provides a demographic and economic profile of Utah. Appended are an abstract of juvenile delinquency in Utah, a list of cooperating organizations, and a bibliography. (CD)

VT 006 014 ED 032 387
Jones, Joseph H., Jr., And Others
Increasing Knowledge in Social Science Among Agricultural Educators. Final Report.

Louisiana State Univ., Baton Rouge
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$3.65 OEG-4-6-068226-2090 08
BR-6-8226
Pub Date - Jun68 71p.

*AGRICULTURAL EDUCATION; *CHANGE AGENTS; *SOCIAL SCIENCES; *ADOPTION (IDEAS); *CHANGING ATTITUDES; Social SYSTEMS; COMMUNICATION (THOUGHT TRANSFER); INFORMATION THEORY; SOCIAL STRUCTURE; INTERACTION; INNOVATION; CONCEPTUAL SCHEMES; INSERVICE TEACHER EDUCATION; VOCATIONAL AGRICULTURE TEACHERS; EXTENSION AGENTS; GLOSSARIES; TEXTBOOKS

Social science concepts are presented as related parts of a systematic approach to understanding and predicting human behavior and implementing programs. This monograph was developed to improve the effectiveness of the change agent in agricultural education by increasing his knowledge in the area of social sciences relating to initiating and bringing about change among people. Major chapters are: (1) "Man, The Acting Being," by J. Bohlen, establishing man as a social being who builds up his experience world principally through interactions with his fellows, (2) "The Process of Communications," by J. Bohlen, explaining how this interaction takes place, (3) "Some Basic Units and Models of Social Structure and Interaction," by A. Bertrand, explaining why behavior is patterned and predictable, (4) "Social Power," by Q. Jenkins, discussing the capacity to control, (5) "The Process of Adoption of Innovations," by J. Bohlen, relating the manner in which any given individual accepts or rejects an idea new to him, and (6) "Social Action," by G. Beal, concerning how change agents can bring about alteration of behavior of actors who are members of given social systems. A glossary of the important concepts discussed by the contributors is appended. (DM)

VT 006 028 ED 022 442
Massachusetts Health Manpower Training at Less Than a Baccalaureate Level; Inventory 1967. Part One.

Training Center for Comprehensive Care, Jamaica Plain, Mass.
Office of Economic Opportunity, Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.90
Pub Date - nd 96p.

*HEALTH OCCUPATIONS EDUCATION; *STATE SURVEYS; PROGRAM ADMINISTRATION; FINANCIAL SUPPORT; ADMISSION CRITERIA; DIRECTORIES; OCCUPATIONAL INFORMATION; FACULTY; PROGRAM LENGTH
MASSACHUSETTS

Questionnaires were mailed to 379 institutions including hospitals, special disease institutions, colleges and universities, public regional community colleges, private 2-year colleges, public vocational-technical institutes, private post-high school technical institutes, city boards of welfare, Office of Economic Opportunity community action programs, local and regional mental health associations, visiting nurse and homemaker associations, settlement houses, opportunity councils, industrial firms, schools of nursing, and nursing homes. Of the 369 who replied, 263 reported they had training and 106 reported no training. Figures represent minimum totals as some replies were incomplete. Professional nurse and associate degree nurse programs are not included in the figures quoted. Three hundred and ninety-one courses give training for 55 types of jobs to about 6,900 persons annually. Over half the courses are given in 224 hospitals and nursing homes, one quarter in 98 educational institutions, and most of the others in 66 community service agencies. Ninety-seven courses are completely and 35 partially federally funded. Requirements are high school or higher level education in 59 percent of the courses and literacy and ability to follow directions in 44 percent. Approximately one-half of the courses range from a week to a year in length, one quarter from a year to 2 years, and one quarter from 2 to 3 years. A handful are over three years. A total of 1,635 instructors, of whom slightly more are part time than full time, teach in 275 courses. (JK)

VT 006 145
Guidelines for Developing Associate Degree Nursing Programs in Tennessee.

Tennessee Nurses' Association, Nashville. Committee on Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 4p.

*TECHNICAL EDUCATION; *NURSING; *PROGRAM PLANNING; *GUIDELINES; *HEALTH OCCUPATIONS EDUCATION; ASSOCIATE DEGREES; COMMUNITY COLLEGES
TENNESSEE

An associate degree nursing program should be established only where goals can be achieved by the particular community under consideration. The guidelines cover: (1) elements essential in the community and the college, (2) qualifications of the program administrator, faculty, and students, (3) belief of the Tennessee Nurses' Association about nursing education, (4) the need for nurses in Tennessee, (5) description of technical education in nursing, (6) related references, and (7) sources of additional information. (JK)

VT 006 254 ED 029 947
Organizational Guide for Schools of X-Ray Technology.

The American Society of Radiologic Technologists, Fond du Lac, Wis.
DOCUMENT NOT AVAILABLE FROM EDRS.
American Society of Radiologic Technologists, 645 N. Michigan Avenue, Chicago, Illinois 60611.
Pub Date - 66 7p.

*STANDARDS; *ACCREDITATION (INSTITUTIONS); ADMINISTRATIVE ORGANIZATION; POLICY; ADMISSION CRITERIA; CURRICULUM; *RADIOLOGIC TECHNOLOGISTS; *PROGRAM GUIDES; PROFESSIONAL ASSOCIATIONS; *HEALTH OCCUPATIONS EDUCATION

This expanded explanation of "Essentials of An Approved School of X-Ray Technology" is intended to facilitate the organization and establishment of schools of x-ray technology. The "Essentials" are minimum standards and their application may be extended from 24 months of training in a hospital radiology department to a junior college course leading to an associate degree or to a 4-year university course leading to a bachelor's degree. Sections include: (1) Administration, (2) Organization, (3) Faculty, (4) Admission Requirements, (5) Curriculum, (6) Ethics, (7) Health, (8) Application for School Appraisal, and (9) Survey Inspection of Approved Schools. (JK)

VT 006 349
Guide for Development and Administration of Coordinated Home Care Programs. PHS Pub. 1579.

Public Health Service (DHEW), Washington, D.C. Div. of Medical Care Administration
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec66 25p.

*COMMUNITY HEALTH SERVICES; ORGANIZATION; PROGRAM PLANNING; *PROGRAM ADMINISTRATION; PROGRAM COORDINATION; *PROGRAM DEVELOPMENT; *PROGRAM GUIDES; COMMUNITY PROGRAMS; *HOME PROGRAMS; HEALTH PROGRAMS

Home care is one part of a broad-spectrum services program--an added dimension of care. Administration of a home care program should provide services in a way which preserves traditional physician-patient relationships, and must be flexible to provide individual or multiple services for both short- and long-term care. Programs servicing home health services may be classified in the broad categories of (1) single-service, (2) multiple-service, and (3) coordinated. Coordinated home care provides for greater flexibility and comprehensiveness; however, the development of a community pattern for a program is dependent on community needs and resources, on the acceptance of the program and the feasible growth for that community. This guide was developed by representatives of eight national organizations concerned with the methods of providing health care and personal service in the home, and is intended to serve not as a policy manual, but as a reference useful in the development and administration of home care programs. (JK)

VT 006 351
How to Plan a Community Homemaker Service.

Women's Auxiliary to the American Medical Association, Chicago, Ill.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 32p.

*COMMUNITY SERVICE PROGRAMS; *PROGRAM ADMINISTRATION; *VISITING HOMEMAKERS; *HOMEMAKING EDUCATION; PROGRAM DEVELOPMENT; PROGRAM PLANNING; *PROGRAM GUIDES

The result of composite experience of many services and of studies made throughout the nation, this manual is intended for adaptation to the needs of individual communities. The introduction defines the terms homemaker service and homemaker, outlines the purposes of the service, and discusses the handling of requests for service. Chapters cover: (1) project initiation, (2) models for a constitution and by-laws, (3) the desired qualifications and functions of staff members, (4) how to finance the service, (5) how to recruit and train homemakers, and (6) the operation of the service, including integration with other community services. The appendix presents 16 sample forms. (JK)

VT 006 384
National Seminar and Workshop for Home Economics Research Administrators, Proceedings (University of Nebraska, April 5-7, 1967).

Department of Agriculture, Washington, D.C. Cooperative State Research Service
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 101p.

*HOME ECONOMICS EDUCATION; RESEARCH DIRECTORS; *RESEARCH OPPORTUNITIES; *EXPERIMENT STATIONS; EDUCATIONAL RESEARCH; *CONFERENCE REPORTS; SPEECHES; RESEARCH NEEDS; *RESEARCH PROBLEMS
*NATIONAL SEMINAR AND WORKSHOP FOR HOME ECONOMICS RESEARCH ADMINISTRATORS, LINCOLN, NEBRASKA, APRIL 5-7, 1967

Seventy-five participants met to identify home economics responsibilities and contributions in the implementation of the long-range research program resulting from the State Agriculture Experiment Station--United States Department of Agriculture study. In work groups, conference participants considered the goals and projections in relation to problem areas, personnel, and other resources. The appended report to the Experiment Station Committee on Organization and Policy was synthesized from the work group deliberations by the Home Economics Research Sub-Committee. Proceedings topics are: (1) Implementation of the Long-Range Research Programs, (2) Home Economics in the National Scientific Effort, (3) The Department Station Partnership, (4) Current Home Economics Research--An Inventory Report, (5) Responsibilities of Home Economists in Implementing the Long-Range Study, and (6) reports of workshop group discussions, and directors' reactor panel. Potential contributions to family life, decision making, housing and the environment, human nutrition, food consumption and quality, consumer economy, the disadvantaged, and international aid were cited as justification for home economics involvement. (FP)

VT 006 388
Berkowitz, Monroe, Ed.
Estimating Rehabilitation Needs--A Conference on Planning for Vocational Rehabilitation.

Rutgers, The State Univ., New Brunswick, N.J. Bureau of Economic Research
New Jersey Comprehensive Statewide Planning Project for Vocational Rehabilitation, New Brunswick
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 113p.

*PROGRAM PLANNING; NEEDS; *CONFERENCE REPORTS; SPEECHES; *HANDICAPPED; ALCOHOLISM; RETARDATION; MENTAL ILLNESS; VISUALLY HANDICAPPED; *VOCATIONAL REHABILITATION; SHELTERED WORKSHOPS
*CONFERENCE ON ESTIMATING THE NUMBER OF DISABLED RESIDENTS OF NEW JERSEY, NEW BRUNSWICK, NEW JERSEY, DECEMBER 1, 1966

The document derives from the conference, "Estimating the Number of Disabled Residents of New Jersey," sponsored by the Bureau of Economic Research, Rutgers, The State University, on December 1, 1966, to provide for an evaluation of present concepts of disability and the existing data. There were 58 conference participants representing various agencies and fields. The following papers are revised versions of those delivered at the conference: (1) "The General Problems of Forecasting in Vocational Rehabilitation" by Monroe Berkowitz, (2) "Alcoholism as Disability" by Mark Keller, (3) "Estimating the Number of the Retarded in New Jersey," by Maurice G. Kott, (4) "Vocational Rehabilitation of the Mentally Ill," by C.O. Webber, (5) "What of the Blind in New Jersey--1965-1973?" by Philip Trupin, (6) "Systems Analysis as a Tool for Planning," by John F. Cotton, (7) "Vocational Rehabilitation: Highlights and Demand for Services" by Royal A. Crystal, (8) "Social Security and Rehabilitation" by Bernard Popnick, and (9) "Sheltered Workshops and Planning" by Antonio C. Suazo. A tenth paper, not presented at the conference but complementing Philip Trupin's presentation, is "Placement of the Blind in Employment in New Jersey" by Orlo Wagoner, Jr. (JK)

VT 006 399 ED 031 552
Proceedings of the International Congress on Home Help Services (Paris, France, September 1962). WA Publication No. 10.

National Council for Homemaker Services, New York, N.Y.
Welfare Administration (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS14.2:H75/2, $.30).
Pub Date - 65 79p.

FOREIGN COUNTRIES; *CONFERENCE REPORTS; *OCCUPATIONAL HOME ECONOMICS; HEALTH OCCUPATIONS; HEALTH OCCUPATIONS EDUCATION; INTERNATIONAL ORGANIZATIONS; *VISITING HOMEMAKERS; SPEECHES; COMPANIONS (OCCUPATION); MAIDS; *SERVICE WORKERS; *HOME MANAGEMENT
*INTERNATIONAL CONGRESS ON HOME HELP SERVICES, PARIS, FRANCE, SEPTEMBER, 1962

This report in English translation is intended to acquaint agencies and individuals in this country with the homemaker services of other nations. The home helper is an international phenomenon and her role is developing, and the free exchange of workers signals a growing harmony in the concepts of training, and mutual recognition of qualifications in the various countries. For these reasons the United States through the National Council for Homemaker Services participates in the International Council on Home Health Services. Approximately 350 delegates of 16 countries attended the International Congress. Papers included in the document are: (1) "The Home Helper and the Changes in the Family and Household Work" by M. Pierre Laroque, (2) "The Medical Importance of the Home Helper" by J.A. Gillet, (3) "The Multiple Aspects and Specialized Training of the Home Helper" by Carmen Jonas, (4) "The Importance of Training for Home Helpers" by Margareta Nordstrom, and (5) "The Place of the Home Helper in Social Services" by Dr. Pense. The document also includes a general report of work group discussions and brief summaries of reports presented by home help organizations in 13 countries. (JK)

VT 006 657
Guides to the Establishment of Cooperative Arrangements with a College by a School Offering a Diploma Program in Nursing.

National League for Nursing, New York, N.Y. Dept. of Diploma Programs
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, New York 10010 ($.25).
Pub Date - 67 2p.

*HEALTH OCCUPATIONS EDUCATION; *NURSING; TECHNICAL EDUCATION; *ADMINISTRATOR GUIDES; *INTERAGENCY COOPERATION; COLLEGES; *HOSPITALS

General and specific considerations essential to the establishment of an effective working relationship are presented. Some general considerations are: (1) The school of nursing has primary responsibility for all the course offerings of the diploma program and the quality of the offerings, (2) The school has responsibility for selecting a college that meets recognized educational standards, determining whether college courses meet the school's requirements, and verifying the competence of the college personnel who will provide instruction, (3) The school maintains full financial responsibility for the total diploma program, including college courses, (4) The school and the college are in close enough proximity to permit joint study and planning, and (5) The school interprets fully the objectives and the requirements of the diploma program. (JK)

VT 006 697 ED 030 708
Nursing Education in North Carolina: Today and Tomorrow. Research Report 2-67 (December 1967).

North Carolina State Board of Higher Education, Raleigh
EDRS PRICE MF-$0.75 HC-$6.65
Pub Date - Dec67 131p.

*NURSING; *EDUCATIONAL NEEDS; *EDUCATIONAL PROGRAMS; *STATE SURVEYS; NURSES; STANDARDS; EDUCATIONAL IMPROVEMENT; ENROLLMENT TRENDS; ENROLLMENT INFLUENCES; *EMPLOYMENT PATTERNS; MANPOWER NEEDS; PROGRAM EFFECTIVENESS; EDUCATIONAL RESOURCES; PROGRAM DESCRIPTIONS
NORTH CAROLINA

The result of collective efforts of representatives of agencies, organizations, and institutions having an interest in nursing education in the state, the study was undertaken in the context of the long-range planning studies of the Board of Higher Education. Most of the data were provided by the Board of Nursing from annual reports submitted to that Board by schools of nursing. A mail questionnaire survey provided supplemental information concerning nursing school graduates and nursing students. Some findings were: (1) The number of registered nurses per 100,000 population in North Carolina rose from 236 in 1963 to 260 in 1966, as compared with a national figure of 306 in 1964, (2) In 1966, attrition rates averaged 44 percent in baccalaureate programs, 36 percent in diploma programs, 11 percent in associate degree programs, and 31 percent in practical nurse programs, (3) The average scores of graduates of four-fifths of the registered nurse programs were below the national level, while graduates of practical nursing programs performed relatively well on the licensing examination, (4) Failures on the licensing examinations are closely related to inadequate clinical resources and faculty, and (5) To attain the feasible goal of 18,200 registered nurses by 1975, schools must produce 1,400 nurse graduates each year. (JK)

VT 007 116
Henry, Sarah T., Comp.
A Preparatory Program for Hospital Housekeeping Aides; Course Description and Teaching Materials.

Kentucky Univ., Lexington. Instructional Materials Lab.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 44p.

*MAIDS; OCCUPATIONAL HOME ECONOMICS; *PROGRAM DESCRIPTIONS; *INSTRUCTIONAL MATERIALS; BIBLIOGRAPHIES; RESOURCE MATERIALS; TEACHING GUIDES; *HOSPITAL PERSONNEL

Program guidelines were developed by teachers and the author to train adults for the occupation of hospital housekeeper. They were tried and revised in light of the teachers' suggestions. The bulletin contains a program description, the definition of the occupation from the Dictionary of Occupational Titles, and some materials developed and used in the course. The job analysis itemizes the job, skills, and information in chart form. Recruitment, screening and selection, and characteristics of trainees as well as teacher competencies and responsibilities are discussed. A course outline, a block plan for the course, and a detailed teaching guide for the first unit, "Orientation to Hospital Housekeeping Aide as an Occupation," are included. Unit organization features objectives, suggested content, teaching-learning activities, references and instructional materials. The four lessons cover organization of a hospital, personal qualities for keeping and holding a job as the hospital housekeeping aide, and seeking employment. Detailed teaching guides for units II and III are not included. An appendix contains supplementary materials, a film list and a bibliography. (FP)

VT 007 136 ED 026 498
Soule, A. Bradley
The Role of Junior Colleges in Educational Programs in Radiologic Technology.

American Association of Junior Colleges, Washington, D.C.
EDRS PRICE MF-$0.25 HC-$0.80
Pub Date - nd 14p.

*MEDICAL LABORATORY ASSISTANTS; *HEALTH OCCUPATIONS EDUCATION; *COMMUNITY COLLEGES; STANDARDS; PROGRAM DEVELOPMENT; ACCREDITATION (INSTITUTIONS); *SCHOOL ROLE; EDUCATIONAL DEMAND
*RADIOLOGIC TECHNOLOGY

Recent Department of Labor and Public Health Service reports indicate that there are presently 72,000 people operating x-ray equipment in this country of whom 33,000 are registered technologists. It is estimated that by 1975 there will be a need for 100,000 technologists of whom at least 52,000 should be fully trained. Almost all formally trained technologists are being produced by the 1,200 hospital schools approved by the American Medical Association Council on Medical Education which provide courses 24 or more months in length, and more than 90 percent of which are terminal without college affiliation. There are approximately 60 colleges and universities (mostly community or junior colleges) which offer associate degree programs and a dozen which have developed or are developing baccalaureate degree programs. It is hoped that the college affiliated programs will produce more and more of the technologists of the future. The American Medical Association Council on Medical Education has made available "Essentials of an Approved School of Radiologic Technology" and "Essentials of an Approved School of Technologists in Radiation Therapy." The publication of "Essentials of an Acceptable School for Nuclear Medical Technicians and Technologists" is anticipated. (JK)

VT 007 138 ED 024 807
Cross, Aleene A.
Vocational Education in Home Economics; A Descriptive Study of Family Life Education Programs in Georgia Public Schools.

Georgia Occupational Research Unit, Atlanta
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.95
Pub Date - May68 37p.

*FAMILY LIFE EDUCATION, STATE SURVEYS; PROGRAM CONTENT; TEACHER EDUCATION; *TEACHER QUALIFICATIONS; *HOME ECONOMICS EDUCATION; HIGH SCHOOLS; SCHOOL SURVEYS; QUESTIONNAIRES
GEORGIA

Questionnaires concerning family life programs in Georgia public schools were sent to 523 home economics teachers to determine the extent, subject matter content, and the kinds of teachers and their preparation for teaching. Thirty-eight percent replied. The study showed that at least 155 family life education programs were listed in Georgia in 1966-67. Most courses were offered to juniors and seniors and were 1-year courses. Family life courses were generally taught by home economics teachers, approximately one-third had master's degrees, nearly one-half had taken graduate courses in family and child development. The major difficulties in providing family life courses were lack of available teachers and scheduling. Recommendations were that: (1) More schools should be encouraged to offer family life education, not only to juniors and seniors but also to seventh and eighth graders, (2) Research is needed to determine the length of the family life courses, (3) Family and child development units in regular home economics classes should emphasize different concepts in each year, (4) Teachers of family life education courses should be expected to take graduate courses in family and child development, and (5) A survey of available teachers should be made and distributed to school administrators. The questionnaire and the data in tabular form are included. (FP)

VT 007 146 ED 025 631
Johnson, Ronald L.; Kiefert, James J.
Factors Involved in the Decision to Migrate and the Impact of Migration Upon the Individual and the Sender and Receiver Community.

North Dakota Univ., Grand Forks
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.45 OEG-3-7-0610663-0339 08
BR-6-1663
Pub Date - Feb68 47p.

*MIGRATION; *MIGRATION PATTERNS; *OCCUPATIONAL MOBILITY; *STATE SURVEYS; AREA STUDIES; POPULATION TRENDS; VOCATIONAL EDUCATION; URBAN IMMIGRATION; TABLES (DATA); *INDIVIDUAL CHARACTERISTICS; URBAN POPULATION, RURAL POPULATION; FAMILY INCOME; SOCIOECONOMIC INFLUENCES; CULTURAL INTERRELATIONSHIPS
NORTH DAKOTA

The purpose of this investigation was to obtain information concerning the direction, distance, destination, age, education, and income distribution for out-of-state migrants from North Dakota as well as their extent of participation in social organizations. Additional information was analyzed relating to reasons out-migrants move and problems of the migrant in the receiver community. Data were obtained from 112 male migrants who were living in the four leading receiver states of California, Minnesota, Montana, and Washington, and from 513 male respondents living in seven urban communities and 14 rural townships in North Dakota. Mailed questionnaire and interview techniques revealed the following major findings: (1) The two major streams of migration are to the west coast and contiguous states, (2) Only nine percent of the out-migrants enrolled in non-college post secondary educational programs, (3) Out-migrants increased their incomes, (4) Most migrants had no trouble adjusting, (5) Those that moved within the state were better educated than the stable population, and (6) Occupational aspiration was positively associated with out-migration. Response to mail questionnaires led to significantly different results from interviewing. It was recommended that more emphasis be placed on providing vocational education programs in rural areas to prepare out-migrants for occupations in receiver communities. (DM)

VT 007 181 ED 023 903
Rodgers, John H.
A Training Institute for Administrative Personnel and Teacher Educators Responsible for Young Farmer Education. Final Report.

Virginia Polytechnic Inst., Blacksburg. Agricultural Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$1.00 HC-$10.05 OEG-1-7-070601-3721 08
BR-7-0601
Pub Date - Jun68 199p.

*YOUNG FARMER EDUCATION; *TEACHER EDUCATORS; *STATE SUPERVISORS; *PROGRAM DEVELOPMENT; *SEMINARS; PROGRAM ADMINISTRATION; PROGRAM EVALUATION; PROGRAM IMPROVEMENT

A national seminar on young farmer education at Virginia Polytechnic Institute, August 7-11, 1967, was attended by 95 teacher educators, state supervisors, vocational agriculture teachers, and invited guests from 38 states and the District of Columbia. Some major seminar conclusions were: (1) There is an increasing need for education of young farmers, (2) Recruitment of young men leaving high school and/or entering agricultural occupations is essential to program growth, (3) More qualified teaching personnel are needed, (4) States should cooperate in preparing educational materials, (5) Cooperation with other agricultural and community agencies increases program effectiveness, (6) Additional research is needed in critical areas of young farmer education, (7) Pilot programs are needed to test new approaches and new devices, (8) A functioning organizational structure greatly enhances the value of educational programs, and (9) More realistic evaluation of programs is needed. Each seminar participant worked in committee session in one of the following areas: (1) guidelines for initiating and expanding programs, (2) financing and staffing programs, (3) formulating objectives, (4) evaluating criteria, (5) guidelines for curriculum development, (6) young farmer organizations, (7) teacher recruitment and preparation, and (8) auto-tutorial methods of instruction. (DM)

VT 007 185 ED 023 904
Wright, Robert D.
Are Wyoming's Secondary School Vocational Programs Geared to Wyoming Industry? A Project Submitted to the Wyoming Research Coordinating Unit, Cheyenne, Wyoming.

Wyoming Univ., Laramie. Dept. of Vocational Education
EDRS PRICE MF-$0.50 HC-$3.15
Pub Date - May68 61p.

VOCATIONAL EDUCATION; *EDUCATIONAL NEEDS; *TRADE AND INDUSTRIAL EDUCATION; *HIGH SCHOOLS; *EMPLOYER ATTITUDES; *INDUSTRIAL ARTS; HIGH SCHOOL GRADUATES; JOB SKILLS; EMPLOYMENT OPPORTUNITIES; EMPLOYMENT TRENDS; SURVEYS; PROGRAM ATTITUDES; INDUSTRY; TECHNICAL EDUCATION; ON THE JOB TRAINING; WORK ATTITUDES; QUESTIONNAIRES WYOMING

To determine whether or not the vocational curriculum offered in Wyoming secondary schools was directed toward providing graduates with occupational skills that permitted employment, three sources of information were examined: (1) industrial arts and trades and industry classes for the 1962 to 1967 school years, (2) attitudes of Wyoming industry concerning vocational education in secondary schools, and (3) the types and numbers of non-agricultural job placements in Wyoming for 1962 to 1967. Some findings were: (1) Job placements in the state of Wyoming were generally declining, (2) The number of classes and the class enrollments were increasing, (3) The data indicated a need for vocational education in Wyoming, (4) Employers thought it feasible for Wyoming schools to prepare students for specific vocations, (5) A vocational program more technical in nature might be desired, and (6) Employers felt industry should provide on-the-job training for employees, but schools should teach good work habits and good attitudes toward work along with skills and knowledge. Recommendations included: (1) better means of communication between educators and industrial personnel, (2) more involvement of industry in vocational education, (3) special attention to development of post-high school vocational programs, and (4) more opportunity for vocational training by the high schools. (DM)

VT 007 254 ED 023 914
Hetrick, William M.; Kehoe, Ray E.
Coordination of Organic Curriculum Development in the Public Schools of Monroe, Michigan. Interim Report.

Monroe City School District, Mich.
EDRS PRICE MF-$0.25 HC-$1.30 OEG-0-8-080137-2681(085) 08
BR-8-0137
Pub Date - Jul68 24p.

*EDUCATIONAL INNOVATION; BUILDING INNOVATION; INSTRUCTIONAL INNOVATION; *SCHOOL VISITATION; VOCATIONAL EDUCATION; OBSERVATION; *ORGANIZATIONAL CHANGE; EXPERIMENTAL SCHOOLS; EVALUATION; TRADITIONAL SCHOOLS; *EXPERIMENTAL PROGRAMS
*ES 70

A series of single day visits to selected elementary and secondary schools in Illinois, Nevada, California, Florida, and Massachusetts was made by a visitation team of teachers, administrators and architects from the Monroe (Michigan) School District. This document reports the visitation team's impressions of developing educational systems, educational technology, materials resource centers, vocational education, and organizational patterns and staff utilization in the experimental programs. Also included are discussions of the faults of the traditional school, the change process in experimental schools, and new directions for change. The impressions were generally favorable and the visitors agreed that the educators they met were characterized by enthusiasm, vitality, and dedication. Pride in schools, staffs, and student bodies was evident among them. At times, the practices observed appeared to be somewhat at variance with theoretical formulations presented orally by school leaders or in written school publications. (MM)

VT 007 255 ED 023 915
Joern, Judith B.
National Survey of Wage Earning Home Economics Course Development. NRCUVT Series No. 4.

Nebraska Occupational Needs Research Coordinating Unit, Lincoln
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.05 OEG-3-7-063032-1620 08
BR-6-3032
Pub Date - Oct68 19p.

*OCCUPATIONAL HOME ECONOMICS; *NATIONAL SURVEYS; HIGH SCHOOLS; ADULT VOCATIONAL EDUCATION; POST SECONDARY EDUCATION; SCHOOL STATISTICS; *PROGRAM DEVELOPMENT; FEDERAL AID; WORK EXPERIENCE; *CURRICULUM DEVELOPMENT; *TEACHER QUALIFICATIONS; EDUCATIONAL NEEDS; CURRICULUM GUIDES; EMPLOYMENT OPPORTUNITIES

State supervisors of home economics education for 50 states and Puerto Rico were surveyed to determine the extent to which home economics wage earning programs have been developed since funds became available under the Vocational Education Act of 1963. A questionnaire sought information about the following topics: (1) basic areas of programing, (2) educational levels at which courses are offered, (3) numbers of courses and schools involved in wage earning training, (4) professional qualifications for instructors, (5) needs for new course development, and (6) the types of curriculum materials used by each state. The data are categorized according to these topics. Most states had home economics wage earning programs, with food and clothing service areas predominant. The bulk of the courses were found at the secondary and adult levels. In many states the areas of child care, institutional and home management, and health related occupations are being developed. Approximately 150 home economics wage earning courses were offered at the secondary level, post-high, and adult level during 1964-65; nearly 1,300 courses were offered in 1967-68. (FP)

VT 007 307 ED 026 503
Robinson, Lillie McCray
Determining Employment Needs, Educational Feasibilities, and Potential Enrollments in Occupational Home Economics at the Post-Secondary Level in Oklahoma.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - Jul68 162p.

*OCCUPATIONAL HOME ECONOMICS; *PROGRAM DEVELOPMENT; SURVEYS; INTERVIEWS; ADMINISTRATOR ATTITUDES; BUSINESS SKILLS; EMPLOYER ATTITUDES; STUDENT OPINION; *POST SECONDARY EDUCATION; EMPLOYMENT QUALIFICATIONS; EDUCATIONAL PLANNING; DOCTORAL THESES; QUESTIONNAIRES; *FEASIBILITY STUDIES
OKLAHOMA

In order to determine if occupationally-oriented curriculums in home economics should be developed at the post-secondary level in Oklahoma, three groups of people were interviewed: (1) managers of business establishments and supervisiors of child care agencies, (2) administrators and instructors of home economics courses, and (3) students enrolled in home economics courses at selected high schools, area vocational-technical centers and junior colleges. Representatives selected from 92 business organizations, 20 high schools, two area vocational-technical centers and two junior colleges were interviewed. Comparative analysis of responses showed that the majority of business personnel and school personnel felt that there was a need for trained personnel in occupational home economics areas, and would be interested in cooperating to develop occupational programs with work experiences as part of the occupational preparation. Further study is needed to determine competencies needed by persons in occupational curriculums, course combinations and sequences, and length and sequence of observation and work experiences. The interview schedules, reported data in tabular form, letters, and a selected bibliography are included in the document. This D.Ed. thesis was submitted to Oklahoma State University. (FP)

VT 007 326
A Guide for the Utilization of Personnel Supportive of Public Health Nursing Services.

American Nurses' Association, New York, N.Y.
MF AVAILABLE IN VT-ERIC SET.
American Nurses' Association, 10 Columbus Circle, New York, New York 10019 ($.35).
Pub Date - 66 13p.

*HOME HEALTH AIDES; *COMMUNITY HEALTH SERVICES; *ADMINISTRATOR GUIDES; *MANPOWER UTILIZATION; NURSES; *NURSING; PRACTICAL NURSES

Thirteen guidelines to assist public health administrators in using supportive personnel such as registered and practical nurses and home health aides include the following: (1) that the team leader responsible for seeing that nursing services are assessed, planned, performed, and evaluated be an experienced public health nurse; (2) that personnel assisting in performing nursing services be employed by the community nursing service or that there be a written contract between the nursing service and the employer of such supportive personnel; (3) that public health nurses participate in recruitment, selection, training, and placement activities and that they supervise and coordinate the services of all personnel supportive to nursing; and (4) that all legal implications relating to supportive personnel be defined and understood. The document also lists 35 questions to be considered by an agency in planning for employment of personnel supportive of public health nursing services, a listing of sources of information regarding planning and implementing a program using supportive personnel, pertinent references, and a glossary of terms. "Guidelines for the Development and Utilization of Home Health Aide Service in the Community," a related document, is available as ED 029 092 (VT 007 327, in this issue). (JK)

VT 007 327 ED 029 092
Guidelines for the Development and Utilization of Home Health Aide Services in the Community: A Supplement to A Guide for the Utilization of Personnel Supportive of Public Health Nursing Services.

American Nurses' Association, New York, N.Y.
EDRS PRICE MF-$0.25 HC-$2.00
American Nurses' Association, 10 Columbus Circle, New York, New York 10019 ($1.00).
Pub Date - Jun67 38p.

*COMPANIONS (OCCUPATION); *NURSES AIDES; *PROGRAM DEVELOPMENT; GUIDELINES; *COMMUNITY HEALTH SERVICES; HEALTH OCCUPATIONS EDUCATION; ADMINISTRATIVE ORGANIZATION; ADMINISTRATIVE POLICY; INTERAGENCY COORDINATION; PERSONNEL SELECTION; SUPERVISION; *PROGRAM GUIDES; MANPOWER UTILIZATION; PROGRAM DESCRIPTIONS; PERSONNEL EVALUATION

This analysis is intended to assist public health nurses and others to apply the principles and standards of professional nursing conduct and practice to the development and utilization of home health aide services. Part I, "Development of a Home Health Aide Service" covers (1) agency organization and policies, including such topics as legal basis, relationships with other official agencies, accreditation, and liability insurance, (2) the administration plan, including goals, contracts, fees and financial accounting, coordination of services, and evaluation and interpretation of services, (3) the team concept, (4) selection and recruitment of aides including such topics as nondiscrimination, methods of recruitment, and qualifications of candidates, (5) training, including core course, inservice training, orientation and continued training and supervision, (6) personnel policies, and (7) agreements in the utilization of aides employed by other agencies. Part II, "Utilization of Home Health Aide Services" discusses (1) placement and assignment including nursing assessment, nursing care plans, and introducing the aide to the family, (2) communication, and (3) supervision and evaluation of the aide. Appendixes include guidelines from "A Guide for the Utilization of Personnel Supportive to Public Health Nursing Services" (VT 007 326, in this issue). (JK)

VT 007 332 ED 024 811
Lathrop, Irvin; Farr, Wilbur
Relationship of Industrial Arts Education to Vocational Trade-Technical Education in California; A Survey Report.

California State Coll., Long Beach
California State Dept. of Education, Sacramento. Bureau of Industrial Education
EDRS PRICE MF-$0.50 HC-$5.60
Pub Date - 68 110p.

*COMPARATIVE ANALYSIS; EDUCATIONAL RESEARCH; *INDUSTRIAL ARTS; *TRADE AND INDUSTRIAL EDUCATION; *SECONDARY SCHOOLS; *COLLEGES; PROGRAM DESCRIPTIONS; STUDENT ENROLLMENT; TEACHER CHARACTERISTICS; STUDENT CHARACTERISTICS; CURRICULUM; CURRICULUM DEVELOPMENT; TEACHER CERTIFICATION
CALIFORNIA

In order to ascertain the present status of industrial education in California and its future, data were collected from several sources including principals, teachers, supervisors, and junior and state college personnel. The study was limited to industrial arts and trade-technical education in the state's secondary schools excluding area vocational schools and technical occupational centers. "Present Program" presents data on industrial arts enrollment, courses offered, teacher characteristics, student characteristics, and instructional practices. "Current Innovations and Related Programs and Studies" reviews several curriculum development projects in the United States. "Relationship of Industrial Arts to Vocational Trade-Technical Education" contrasts teachers and their assignments, financing, course relationships, enrollments, course content, instructional practices, and outlines the unique characteristics of both programs. "Industrial Education in California Institutions of Higher Education" discusses educational programs, certification requirements, enrollment, and the primary functions of each field. Sixty-three conclusions and recommendations are included. (EM)

VT 007 366 ED 023 923
A Study of Vocational-Technical Education in the Washoe County, Nevada, School District.

Nevada Occupational Research Coordinating Unit, Reno
EDRS PRICE MF-$0.75 HC-$9.90 OEG-4-6-062723-2214 08
BR-6-2723

Pub Date - 68 196p.

*VOCATIONAL EDUCATION; *SCHOOL SURVEYS; DROPOUTS; PARENT ATTITUDES; HIGH SCHOOL GRADUATES; EMPLOYMENT OPPORTUNITIES; *PROGRAM EVALUATION
*WASHOE COUNTY SCHOOL DISTRICT; NEVADA

This report consists of five separate parts which bear on the problem of vocational-technical education in the county school district. Part One deals with an analysis of dropouts from the schools of the county during the years of 1960 through 1966. Questionnaires were sent to dropouts, graduates, and parents of both groups. Part Two deals with the vocational professional interests of currently enrolled students as determined by an instrument devised by the Research Coordinating Unit. Part Three consists of an analysis of the vocational-technical education courses that were offered during 1967 by the county school district in the junior highs, high schools, and adult education. Part Four is an analysis of the employment situation in the county and the eleven western states. Part Five provides a discussion of the on-going programs of vocational education for the county and a series of recommendations directed toward strengthening the programs and providing a more meaningful educational experience. (MM)

VT 007 372 ED 023 928
Rice, Dick C.
Professional Personnel in State Divisions of Vocational Education: Policies, Practices, Requirements. Research 15.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$5.10 OEG-3-7-000158-2037 08
BR-7-0158

Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 ($3.25).
Pub Date - Nov68 100p.

*VOCATIONAL EDUCATION; *ADMINISTRATIVE PERSONNEL; *PERSONNEL POLICY; STATE SUPERVISORS; *EMPLOYMENT OPPORTUNITIES; ADMINISTRATION; SUPERVISOR QUALIFICATIONS; PERSONNEL EVALUATION; LEAVE OF ABSENCE; PERSONNEL NEEDS; PERSONNEL SELECTION; RECRUITMENT; DISQUALIFICATION; RETIREMENT; INSERVICE EDUCATION; TENURE; EDUCATIONAL EXPERIENCE; WORK EXPERIENCE; *STATE DEPARTMENTS OF EDUCATION

To depict the current status of vocational education state leadership personnel in terms of policies, numbers, education, and experience, a five-part questionnaire was utilized in 31 states to: (1) determine the existence and content of professional personnel policies and their effects on the operation of state divisions of vocational education, (2) identify the training and the experience qualifications of present state division professional staff members, and (3) ascertain training and experience needs of state division personnel. Satisfactory written policies existed in most states for personnel selection, recruitment, dismissal, retirement, tenure, inservice training, and evaluation. More adequate policies on salary and professional leave are needed in about one-half of the states. Strategy found to be successful in retraining capable personnel were salary increases, opportunities for further education, and promotions. Nearly all states had policies which specify experience requirements. Educational requirements for 73 percent of the 562 positions stipulated a masters' degree. A 73 percent growth in the number of professional personnel occurred between 1960 and 1965 and a 32 percent growth is anticipated from 1965 to 1970. Some recommendations were that: (1) comparative salary schedules be developed and recruitment bases be broadened, (2) work experience requirements be discontinued for some positions, and (3) pre-service graduate programs be developed for state division service. (DM)

VT 007 378 ED 023 934
Loveless, E.E.; Travis, Don
A Study of Vocational-Technical Education in the Churchill County, Nevada, School District.

Nevada Occupational Research Coordinating Unit, Reno
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$8.00 OEG-4-6-062723-2214 08
BR-6-2723

Pub Date - Apr68 158p.

*VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *SURVEYS; *SCHOOL DISTRICTS; PROGRAM DESCRIPTIONS; *EDUCATIONAL NEEDS; VOCATIONAL FOLLOWUP; HIGH SCHOOL STUDENTS; VOCATIONAL INTERESTS; SCHOOL SURVEYS; STUDENT ATTITUDES; PARENT ATTITUDES; DROPOUTS; HIGH SCHOOL GRADUATES; PROGRAM ATTITUDES; EMPLOYMENT OPPORTUNITIES; EMPLOYER ATTITUDES; PROGRAM EVALUATION; QUESTIONNAIRES
CHURCHILL COUNTY; NEVADA

A descriptive study of vocational-technical education was conducted to determine (1) offerings presently available, (2) how the program is administered and conducted, (3) the objectives of present offerings, (4) which students benefit from a more complete program, and (5) the employment opportunities open to graduates. Tables present federal and state reimbursements for 1960-61 to 1967-68, and a summary chart shows program objectives, offerings, facilities, and student enrollments. Career interest forms were administered to 916 students in grades 7 through 12. Findings were: (1) A majority of career choices were made in grades 7, 8, and 9, (2) Students respected help and guidance of parents and would benefit from additional vocational guidance services, (3) Many students envisioned an immediate entry into work and into higher education, and (4) One-third of the students would attend a local vocational-technical school if offered the opportunity.

The school dropout rate was determined to be 2.7 percent with about 15 percent being students of above average ability. It was recommended that: (1) occupational advisory committees be utilized, (2) the vocational guidance program be given increased emphasis, (3) the work experience program be expanded, (4) in-depth followup of graduates and dropouts be initiated, and (5) additional effort be made in the adult education and post-high school areas. (DM)

VT 007 380 ED 024 814
A Guide to Improving Instruction in Industrial Arts; A Revision.

American Vocational Association, Washington, D.C.
EDRS PRICE MF-$0.50 HC-$3.25
Pub Date - 68 63p.

*PROGRAM GUIDES; *INDUSTRIAL ARTS; *ELEMENTARY GRADES; *SECONDARY GRADES; EDUCATIONAL FACILITIES; FUNDAMENTAL CONCEPTS; PROGRAM EVALUATION
*AMERICAN VOCATIONAL ASSOCIATION

This guide was developed by a national professional association for use by teachers of industrial arts for the improvement of instruction. Contents of this fourth revised edition suggest possibilities of an organized program of industrial arts structured to provide for teaching concepts that more realistically lead to a fuller comprehension of present-day technology and better meet the current challenges and needs of youth. Section I treats the goals and objectives of industrial arts. Facilities for multi-field, single-field, and area-unit organizations are discussed in Section II. A structure and organization for efficient learning in industrial arts are presented in Section III, and Section IV gives the role of evaluation in industrial arts. (EM)

VT 007 414 ED 023 935
Brandon, George L., And Others
Research Visibility. Post-Secondary and Adult Education.

American Vocational Association, Washington, D.C. OEG-2-7-070633 08
EDRS PRICE MF-$0.25 HC-$0.80 BR-7-0633

American Vocational Journal; v43 n11 p49-64 Nov 1968.
Pub Date - Nov68 14p.

*BIBLIOGRAPHIES; *VOCATIONAL EDUCATION; EDUCATIONAL RESEARCH; *APPRENTICESHIPS; *POST SECONDARY EDUCATION; *ADULT VOCATIONAL EDUCATION; RESEARCH REVIEWS (PUBLICATIONS)

Ten reviews in this issue are organized under three topics. "Apprenticeship and Other In-Plant Training" reviews registered apprenticeship programs in Wisconsin and a European study of the training of maintenance workers. "Out-of-School Youths and Adults" reviews a case study of a Minnesota technical school, a research study which sought to identify common behavior factors in 84 occupations, and a study of student attributes associated with successful Manpower Development Training Act programs. "Post-Secondary Institutions and Programs" reviews guidelines for hospitality and law enforcement programs, a study comparing the effects of a job-oriented and a field-oriented program in mechanical technology, and a study comparing graduates and dropouts in a California junior college occupational program. In addition, "Plain Talk," a continuing column by the author, discusses the purposes of the column and the role of evaluation. The bibliography lists 20 additional items on the above three topics. (EM)

VT 007 422 ED 024 815
Lipscomb, Joe L.; Wallace, Geraldine J.
Planning and Development of a School of Health Occupations for Amarillo College.

Amarillo Coll., Tex.
Texas Occupational Research Coordinating Unit, Austin
EDRS PRICE MF-$1.00 HC-$13.35
Pub Date - 68 265p.

TEACHER QUALIFICATIONS; ADMINISTRATOR QUALIFICATIONS; *PROGRAM DEVELOPMENT; *HEALTH OCCUPATIONS EDUCATION; *TECHNICAL EDUCATION; *CURRICULUM DEVELOPMENT; MANPOWER NEEDS; ADMINISTRATIVE ORGANIZATION; CLINICAL EXPERIENCE; PHYSICAL FACILITIES; EQUIPMENT; PROGRAM PLANNING; ADVISORY COMMITTEES; *PROGRAM DESCRIPTIONS; EDUCATIONAL FINANCE; HEALTH OCCUPATIONS; PARAMEDICAL OCCUPATIONS; OCCUPATIONAL INFORMATION; PROGRAM COSTS; PROGRAM CONTENT
*AMARILLO COLLEGE; TEXAS

The purpose of the study was to determine the paramedical needs for the 57-county area, the types of educational programs indicated, the curricular content for each program, and the facilities required. Questionnaires and interviews revealed that needs ranged from 5 percent per year for dental assistants to 35 percent per year for nursing home personnel. Hospitals estimated increased needs of 62 percent by 1970. Programs selected for immediate implementation were medical laboratory technician, radiologic technologist, medical records technician, medical office assistant, and dental assistant; the associate degree nurse and mental health associate programs were already under development. Other 2-year programs and short-term programs were investigated for future implementation. Programs were organized within the School of Health Occupations under direct patient service, indirect patient service, administrative service, and health related service, and a curriculum design was worked out for each program by an occupational advisory committee in cooperation with the general education committee. The expanding Medical Center gave promise of adequate clinical facilities. Detailed information about programs to be implemented, those under consideration and equipment costs are included. (JK)

VT 007 455 ED 024 820
McCloskey, Gordon
Summary, Evaluation and Long-Range Plans for Related Work. Final Report, No. 30.

Washington State Univ., Pullman. Dept. of Education
Washington State Coordinating Council for Occupational Education, Olympia
Office of Education (DHEW), Washington, D.C. OEG-4-7-070031-1626 08
EDRS PRICE MF-$0.25 HC-$1.60 BR-7-0031

Pub Date - Sep68 30p.

*SOCIOECONOMIC INFLUENCES; *INTERDISCIPLINARY APPROACH; OCCUPATIONAL ASPIRATION; ACADEMIC ASPIRATION; *CLUSTER GROUPING; *VOCATIONAL EDUCATION; CURRICULUM DEVELOPMENT; INSTRUCTIONAL MATERIALS; *EXPERIMENTAL CURRICULUM; INSTRUCTIONAL AIDS; INTERAGENCY COORDINATION; JOB SKILLS; CAREER OPPORTUNITIES; NONCOLLEGE PREPARATORY STUDENTS; RESEARCH REVIEWS (PUBLICATIONS)

This document is a summary and evaluation of a 3-year interdisciplinary interagency effort to improve vocational education. Twenty-nine component reports are summarized and interpreted with resumes in four interrelated efforts: (1) Identification of socioeconomic factors that affect pupil's occupational and educational aspirations, expectations and plans, (2) Identification of clusters of capabilities (concepts, knowledge, skills and attitudes) that are widely useful in occupations providing opportunities for youth who do not complete college, (3) Development and pilot testing of semi-self-instructional systems designed to help pupils acquire levels of cognitive and motor capabilities defined as adequate for effective work, and (4) Experimental organization of U.S. Navy training aids for use in civilian vocational education programs. Plans for continuation of related work are summarized. (MM)

VT 007 460 ED 024 823
Griesman, B. Eugene, Ed.
The Concerted Services Approach to Developmental Change in Rural Areas: An Interim Evaluation. Center Research and Development, Report No 1.

North Carolina Univ., Raleigh. N.C. State Univ. Center for Occupational Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$7.65 OEG-2-7-070348-2698 08
BR-7-0348
Pub Date - 68 151p.

VOCATIONAL EDUCATION; *INTERAGENCY COORDINATION; *RURAL AREAS; *COMMUNITY CHANGE; OCCUPATIONAL SURVEYS; FEDERAL PROGRAMS; RURAL DEVELOPMENT; *MANPOWER DEVELOPMENT; LOW INCOME COUNTIES; PROGRAM DESCRIPTIONS; COMMUNITY DEVELOPMENT; *PROGRAM EVALUATION; DEVELOPMENTAL PROGRAMS
*CONCERTED SERVICES IN TRAINING AND EDUCATION; CSTE; NEW MEXICO; ARKANSAS; MINNESOTA

In 1965 Concerted Services in Training and Education (CSTE) began operation in three selected rural counties of New Mexico, Arkansas, and Minnesota with objectives of: (1) developing general operational patterns for alleviation and solution of occupational education problems, (2) identifying employment opportunities and occupational educational programs for low income youth and adults, (3) developing ways for providing services needed to help people become employable, (4) demonstrating that occupational education programs can significantly increase employment opportunities, (5) demonstrating that a cooperative occupational effort on local involvement will result in continuing community development, and (6) determining the relationship of educational and occupational patterns to the present and emerging needs of communities and making recommendations for adjustments. Some tentative conclusions pending full analysis of data are: (1) The program has created a vehicle for communication between agencies, (2) The program should be inaugurated in one county with future expansion to surrounding areas, (3) The local coordinator should have approval of area leaders, (4) many trainees have secured employment, (5) No marked increase in available jobs is evident, and (6) both obscurity and excessive publicity can be detrimental to program success. (DM)

VT 007 480 ED 025 647
Moss, Jerome Jr., Ed., And Others
The Report of a Developmental Project Guidelines Conference (Minneapolis, June 13-15, 1968).

Minnesota Research Coordination Unit in Occupational Education, Minneapolis
Upper Midwest Regional Educational Lab. Inc., St. Paul, Minn.
EDRS PRICE MF-$0.50 HC-$4.00
Pub Date - Jun68 78p.

CONFERENCE REPORTS; RESEARCH COORDINATING UNITS; CURRICULUM DEVELOPMENT; *GUIDELINES; *DEVELOPMENTAL PROGRAMS; *MODELS; *COST EFFECTIVENESS; *DECISION MAKING; EDUCATIONAL PLANNING; ECONOMIC RESEARCH; SPEECHES

Major purposes of the conference were to help educators develop a concept of the developmental process and to provide mutual learning among the 10 participants. Answers to two questions were sought: "What is an educational development project?" and "How should one go about planning or conducting educational development projects?" These papers were presented. "The Economic Evaluation of Development Projects in Education" by Ernst W. Stromsdorfer discusses basic principles of design which allow economic evaluation of development projects. "Some Decision Points and Alternatives in Developmental Curricula" by Hulda Grobman suggests 18 considerations on this topic. "A Perspective of Developmental Projects" by John D. McNeil reviews guidelines for the organization and operation of developmental projects. "The Relationship of R&D to Educational Improvement: An Output-Oriented Model" by Hendrik D. Gideonse contrasts research and development projects to educational development projects and presents a graphic model of the differences. A model of the developmental project process is included. (EM)

VT 007 482 ED 025 648
Vocational Technical Education 1968. A Summary Report of a Study of the Effect of the Area Vocational Technical Schools in the State of Minnesota.

Minnesota Research Coordinating Unit in Occupational Education, Minneapolis
EDRS PRICE MF-$0.50 HC-$3.80
Pub Date - Jul68 74p.

*AREA VOCATIONAL SCHOOLS; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *POST SECONDARY EDUCATION; *STATE SURVEYS; EDUCATIONAL HISTORY; EDUCATIONAL OBJECTIVES; PROGRAM EVALUATION; PROGRAM EFFECTIVENESS; ENROLLMENT; ENROLLMENT PROJECTIONS; ADULT VOCATIONAL EDUCATION; STUDENT CHARACTERISTICS; EDUCATIONAL NEEDS; SCHOOL LOCATION; EMPLOYMENT OPPORTUNITIES; OCCUPATIONAL INFORMATION; INSTRUCTIONAL STAFF
MINNESOTA

Increased pressures for added area vocational-technical schools in Minnesota led to this study with objectives of determining: (1) present and future employment needs, (2) geographic distribution of schools, (3) utilization of school facilities, (4) present and projected enrollment of students, (5) student characteristics, (6) projected facility needs, (7) projected cost of adequate buildings, equipment, and maintenance, and (8) staff needs and qualifications. The historical background, mission and goals, occupational information and employment needs, vocational-technical school districts, enrollment and student characteristics, utilization, and staffing were examined in the development of recommendations and implications for the future. Some major recommendations were that: (1) the department of education establish criteria for school accreditation, (2) course offerings be expanded in all operating area vocational-technical schools, (3) a communication system be established among area vocational-technical schools and schools offering baccalaureate programs, (4) a detailed system for follow-up of graduates be initiated, (5) a single file of information be developed showing occupational training being offered in the state, and (6) classes and employment be scheduled to provide for a more efficient use of educational facilities and student time. (DM)

VT 007 496
Trade and Industrial Education; Essentials and Requirements of a Trade and Industrial Program. Series B-Bull. 173.

Illinois State Board of Vocational Education and Rehabilitation, Springfield. Voc. and Tech. Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jan66 35p.

*TRADE AND INDUSTRIAL EDUCATION; *PROGRAM GUIDES; *STATE STANDARDS; SECONDARY EDUCATION; POST SECONDARY EDUCATION; *PROGRAM ADMINISTRATION; PROGRAM DESCRIPTIONS
ILLINOIS

The purpose of this bulletin is to provide information and assistance to school administrators, school boards, and educators who are concerned with the development and expansion of programs in trade and industrial education. It outlines the minimum requirements in accord with the Vocational Education Act of 1963 and the Illinois State Plan for Vocational Education. The programs described are suitable for comprehensive high schools, centralized facilities serving several high schools, area vocational schools, or post secondary schools. (EM)

VT 007 497 ED 026 511
Guide Book for an Approved School of Inhalation Therapy.

American Medical Association, Chicago, Ill.
American Society of Anesthesiologists, Park Ridge, Ill.
American College of Chest Physicians, Chicago, Ill.
American Association for Inhalation Therapy, Riverside, Calif.
EDRS PRICE MF-$0.25 HC-$0.85
Pub Date - May68 15p.

GUIDELINES; *STANDARDS; *ACCREDITATION (INSTITUTIONS); *PROGRAM DEVELOPMENT; *HEALTH OCCUPATIONS EDUCATION; *INHALATION THERAPISTS; FACULTY; ADMINISTRATIVE ORGANIZATION; ADMISSION CRITERIA; EDUCATIONAL FACILITIES; CURRICULUM; CLINICAL EXPERIENCE

The "essentials" for programs in inhalation therapy were studied by the American Society of Anesthesiologists and the American College of Chest Physicians and adopted by several pilot schools between 1957 and 1962. Recommended with minor modifications, they were approved by the American Medical Association Council on Medical Education and the House of Delegates in 1962. Revised in 1967, the "essentials" are organized into the areas of administration, faculty, facilities, requirements for admission, health, curriculum, ethics, and admission to the list of approved schools. A program may be established in a medical school or a hospital and didactic and laboratory work may be conducted in these types of institutions or in community colleges or nursing schools. Clinical training must be offered in accredited hospitals. The program director must be a physician who has had specific training or experience in inhalation therapy and instructors should be registered inhalation therapists who have had at least three years experience. Enrollment should not exceed five students to each instructor for clinical practice and at least four students should be enrolled in each class. At least 18 months in length, the program should include a minimum of 1,800 clock hours of instruction in theory and practice. (JK)

VT 007 532 ED 029 952
Oakford, Robert V.; Allen, Dwight W.
Flexibility for Vocational Education Through Computer Scheduling. Final Report.

Stanford Univ., Calif.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$1.75 HC-$21.60 OEG-4-6-062409-1804 08
BR-6-2409
Pub Date - 30Sep68 430p.

FLEXIBLE SCHEDULING; *COMPUTER PROGRAMS; *COMPREHENSIVE HIGH SCHOOLS; *VOCATIONAL HIGH SCHOOLS; STATISTICAL DATA; *EXPERIMENTAL PROGRAMS; STUDENT ATTITUDES; TEACHER ATTITUDES; *SCHEDULE MODULES; PERFORMANCE CRITERIA; CURRICULUM DEVELOPMENT; TEACHING METHODS; RELEASED TIME; PROGRAM EFFECTIVENESS; SCHEDULING; RECORDS (FORMS); PROGRAM DESCRIPTIONS; QUESTIONNAIRES; FACILITY UTILIZATION; PROFILE EVALUATION; DISCIPLINE PROBLEMS; STAFF UTILIZATION; STUDENT TEACHER RELATIONSHIP
*STANFORD SCHOOL SCHEDULING SYSTEM; SSSS

In 1965, a 3-year developmental program was begun to determine the desirability of modular scheduling for comprehensive and vocational schools and to investigate the impact of such scheduling on 18 secondary schools. During this time more than 15,000,000 data were provided by the schools. The Stanford School Scheduling System, a computer program for schedule construction based on course design and student course selection, was developed. Over 250 modular schedules have been produced by this program. Some of the findings were: (1) Courses were substantially modified as a result of alternatives provided by modular scheduling, (2) The use of team teaching and large and small group instruction increased, (3) The use of student performance criteria as the basis for advancement increased, (4) Space utilization was different but more space was not required, (5) Disciplinary problems increased and later subsided while attendance problems increased, (6) There was increased interaction between students and school personnel in all schools except one, (7) Staff utilization patterns changed to increased responsibilities but involved less after hours work, and (8) Most students and teachers would prefer not to return to traditional scheduling. Descriptive information for the schools, data tables, and data collection forms are included. (EM)

VT 007 537
A Regional Occupational Center System for Fresno County.

Management and Economics Research, Inc., Palo Alto, Calif.
California State Dept. of Education, Sacramento. Bureau of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Nov68 149p.

*VOCATIONAL EDUCATION; *FEASIBILITY STUDIES; *SCHOOL COMMUNITY PROGRAMS; *EDUCATIONAL COORDINATION; REGIONAL COOPERATION; SCHOOL DISTRICTS; *REGIONAL PROGRAMS; EDUCATIONAL PLANNING
*FRESNO COUNTY; CALIFORNIA

This document is a research report of an independent research corporation, cooperating with secondary school districts in Fresno County to determine the feasibility and suggest implementation of programs to attack the problems of vocational education in the area. The document consists of: (1) Introduction, (2) The Basic Recommendation, (3) The Current Situation, (4) The Regional Occupation Center System Proposal, and (5) 20 tables and illustrations. After 6 months of study and analysis which included visitations to each of the high schools and the junior college, the general assessment of all specific use facilities, interviews of community leaders, and analysis of other studies which had been completed in the area, the independent research firm made the basic recommendation that the various local school districts organize themselves into a regional occupation center system for the purpose of evolving, funding, and directing cooperative programs in occupational education. This would generate additional cooperative effort among the districts which could only further benefit the region. (MM)

VT 007 542   ED 026 515
Planning and Conducting Cooperative Education Programs in Agriculture in the State of Arizona. A Manual of Guidelines and Procedures.

Arizona Univ., Tucson. Dept. of Agricultural Education
EDRS PRICE MF-$0.25 HC-$2.50
Pub Date - 68 48p.

*COOPERATIVE EDUCATION; *VOCATIONAL AGRICULTURE; *PROGRAM PLANNING; *PROGRAM GUIDES; *OFF FARM AGRICULTURAL OCCUPATIONS; GUIDELINES; STANDARDS; POLICY; CURRICULUM ENRICHMENT; HIGH SCHOOLS; JUNIOR COLLEGES; AREA VOCATIONAL SCHOOLS; PROGRAM ADMINISTRATION; PROGRAM DEVELOPMENT; ADVISORY COMMITTEES; PROGRAM EVALUATION
ARIZONA

This operation manual sets forth the guidelines, standards, policies, and procedures necessary for planning, organizing, and administering Cooperative Education Programs in Agriculture to serve individuals entering farm related occupations. Its content was developed in a 2-week seminar conducted by the University of Arizona in the summer of 1968, which was attended by 40 teachers of vocational agriculture, junior college instructors, and county vocational-technical coordinators. The content includes: (1) Guidelines, (2) Policies and Standards, (3) Consulting Committees, (4) Community Surveys, (5) Promoting Cooperative Education Programs in Agriculture, (6) Selecting Student-Trainees, (7) Selecting Training Stations, (8) Legal Requirements for Student Workers, (9) Training Plans and Agreements, (10) Teaching Related Instruction, (11) Coordination, (12) Instructor and Student Records, (13) Follow-Up of Students Upon Graduation, (14) Evaluation of Student Progress, and (15) Evaluation of Cooperative Education Programs. (DM)

VT 007 566   ED 025 655
Magisos, Joel Hans
An Analysis of Factors Associated with Perception of Role by State Supervisors of Vocational Education.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 68 228p.

*VOCATIONAL EDUCATION; *STATE SUPERVISORS; *ROLE PERCEPTION; *ADMINISTRATOR ATTITUDES; *EDUCATIONAL CHANGE; STATE DEPARTMENTS OF EDUCATION; CHANGING ATTITUDES; INDIVIDUAL CHARACTERISTICS; ORGANIZATIONAL CLIMATE; BEHAVIOR CHANGE; DOCTORAL THESIS; QUESTIONNAIRES; LEADERSHIP STYLES

To develop a basis for understanding the relationships between change orientation of state supervisors of vocational education and selected individual, intraorganizational, and extraorganizational factors, 12 major hypotheses and 63 pairs of null and alternative hypotheses were formulated upon the basis of a theoretical framework. Responses to a mailed questionnaire were obtained from 191 of 224 state division personnel in eight states randomly selected from two size-strata of a 31-state study population. Kolmogorov-Smirnov, chi-square, and Spearman coefficient of correlation were utilized in statistical analysis. Supervisors at higher job levels were found to be more dynamic. More dynamic supervisors (1) had more education, more college degrees, more returns to college after entering professional education, (2) had a higher perception of their salaries relative to others in the nation, (3) were more likely to have lived in smaller communities during elementary and high school, (4) were currently working in state divisions without personnel selection policies, and (5) were found to be female. It was generally concluded that state supervisors valued dynamic supervisory behavior, but differed within and between job level categories and state supervisory staffs. Further research to identify, cluster, and measure independent variables within this and other theoretical framework for study of orientation, behavior, and interaction of supervisors were suggested. (DM)

VT 007 571   ED 025 656
Dick, Virginia Porter
Utilization of Interaction Techniques in the High School Gainful Employment Program.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - Jul68 135p.

DOCTORAL THESES; *OCCUPATIONAL HOME ECONOMICS; *GUIDELINES; INTERACTION; PUBLIC RELATIONS; INTERPERSONAL RELATIONSHIPS; COMMUNITY ORGANIZATION; *EMPLOYERS; *ADVISORY COMMITTEES; COMMUNITY RELATIONS; PARENT SCHOOL RELATIONSHIP; HIGH SCHOOLS; PROGRAM ATTITUDES; COMMUNICATION (THOUGHT TRANSFER); LITERATURE REVIEWS; INTERACTION PROCESS ANALYSIS

The main purpose of this study was to identify and recommend a pattern of communication or interaction that can be utilized to promote successful gainful-employment home economics programs. Six sets of guidelines were developed from a review of literature and the author's experience, and five specially selected teachers rated each guideline on a three point scale as to the degree of importance. These guidelines concerned advisory committee meetings, community involvement by surveys, employer conferences, parent or home visits, staff meetings, and student work experiences. For each of these subjects a discussion of the guidelines, their role, and their application is given. This Ed.D. thesis was submitted to Oklahoma State University. (EM)

VT 007 576   ED 026 520
Bell, Thomas O., Ed.
Idaho School District Organization Project. Report of the April Conference; Planning for School District Organization in Idaho.

Idaho Univ., Moscow. Bureau of Educational Research and Services
Idaho State Dept. of Education, Boise
EDRS PRICE MF-$1.00 HC-$10.05
Pub Date - 15Jun68 199p.

*CONFERENCE REPORTS; *SCHOOL ORGANIZATION; *EDUCATIONAL PLANNING; *SCHOOL REDISTRICTING; SCHOOL DISTRICTS; *VOCATIONAL EDUCATION; EXCEPTIONAL CHILDREN; EDUCATIONAL NEEDS; MODELS; EDUCATIONAL PROGRAMS; SECONDARY SCHOOLS; CURRICULUM DEVELOPMENT; ELEMENTARY SCHOOLS
IDAHO; IDAHO SCHOOL DISTRICT ORGANIZATION PROJECT

The purpose of this conference is illustrated by the following objectives: (1) To provide descriptive data, information, and insights essential to an understanding of the current status of school district organization in Idaho, (2) To examine various approaches in trends of school district organization, (3) To determine a structure which will provide comprehensive programs and quality education to meet the needs of all youth in all parts of the state of Idaho, and (4) To investigate the problems and potentials involved in educating students in small, remote schools that are necessary operating units. Among the presentations are "Vocational-Technical Education and School District Organization" by Burl Shoemaker, and "Vocational Education in Idaho - Present and Projected" by O.E. Kjos. The basic purpose of this conference was to give those in executive, legislative and policy-making positions an opportunity to become knowledgeable about and to act upon the best information available. (CH)

VT 007 580 ED 024 830
Rosen, Sumner M.
Building Career Ladders in Health Occupations - Opportunities and Obstacles.

New York Univ., New York, N.Y. New Careers Development Center
EDRS PRICE MF-$0.25 HC-$0.40
Pub Date - 68 6p.

*VOCATIONAL DEVELOPMENT; HEALTH OCCUPATIONS EDUCATION; NURSING; *NURSES AIDES; *PRACTICAL NURSES; UNIONS; COLLECTIVE BARGAINING; HOSPITALS; INSERVICE EDUCATION; LAB STANDARDS; FEDERAL PROGRAMS; *IMPROVEMENT PROGRAMS
NEW YORK CITY DEPARTMENT OF HOSPITALS; MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS

Late in 1965, District Council 37 of the American Federation of State, County, and Municipal Employees explored with the Department of Labor the possibility of developing a program to upgrade nurses' aides to licensed practical nurses. The program was proposed under Title I of the Manpower Development and Training Act and included provision for training through the School of Practical Nursing of the New York Board of Education. The innovation in the program was that the trainees could move from the aide to the Licensed Practical Nurse level without disrupting their employment by working half-time and training 25 hours per week while receiving training allowances. Finally in June, 1967 funding was secured and the first training sections of 150 each began the program in September, 1967. Through collective bargaining negotiations which were concluded in November, 1966, the union also secured agreement on the establishment of new promotional jobs for aides in nursing, housekeepers, and dietary and the initiation of training for these jobs. Two training agencies were involved: Skill Advancement, Inc. and the New York City Community College of Applied Arts and Sciences. (JK)

VT 007 605
Lee, John D., Ed.
Policies and Guidelines for Business and Office Education.

Indiana State Dept. of Public Instruction, Indianapolis. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun68 252p.

*PROGRAM GUIDES; *BUSINESS EDUCATION; SECONDARY GRADES; GUIDELINES; ADMINISTRATIVE POLICY; *COOPERATIVE EDUCATION; *PROJECT TRAINING METHODS
INDIANA

This manual for Indiana includes a discussion and illustration of: (1) an overview of business and office education, (2) a program proposal cover sheet and outline form, (3) policies for business and office education in Indiana, (4) general information section for vocational-technical education, (5) criteria for teacher requirements, equipment, community survey, follow-up survey, and rental equipment, (6) the intensive lab program, (7) cooperative office education program, (8) adult business and office education, and (9) use of advisory committee. The sections dealing with the intensive lab program and cooperative office education program present sufficient detail for implementation of the program. (MM)

VT 007 616 ED 025 662
Lucas, Stephen R.
Guidelines for Establishing Post-Secondary Distributive Education Programs. CDTE Professional Bull.-14.

Council for Distributive Teacher Education
EDRS PRICE MF-$0.50 HC-$3.00
Pub Date - 68 58p.

*DISTRIBUTIVE EDUCATION; *POST SECONDARY EDUCATION; SUPERVISORY TRAINING; *MANAGEMENT EDUCATION; *PROGRAM PLANNING; PROGRAM DESIGN; PROGRAM ATTITUDES; *GUIDELINES; QUESTIONNAIRES

A 39-item opinion questionnaire concerning the development of post-secondary distributive education mid-management programs was mailed to 50 employers who serve on program advisory committees, 143 program instructors, six distributive education state supervisors, and 10 distributive education teacher educators from the six states having the largest number of such programs. It was concluded from the 70 percent returns that there was a majority agreement within and among the groups as to the desirable characteristics for the organization and operation of a post-secondary distributive education program. Some guidelines based upon an analysis of the data were: (1) Services of the distributive education state supervision should be sought and an advisory committee should be developed, (2) The program should be located near a center of economic activity, (3) The program should award the associate degree, (4) Cooperative work experience as a phase of the program is highly desirable, (5) Each curriculum should serve a specific area of employment, (6) The instructor-coordinator should have occupational experience related to the specific program as well as professional and subject content courses, and (7) The program should participate in the post-secondary division of the Distributive Education Clubs of America. (MM)

VT 007 625 ED 025 663
Meeting of the National Advisory Committee for the Allied Health Professions Projects (1st, University of California, Los Angeles, September 13, 1968).

California Univ., Los Angeles. Div. of Vocational Education
Allied Health Professions Projects, Los Angeles, Calif.
Office of Education (DHEW), Washington, D.C. OEG-0-8-080627-4672 08
EDRS PRICE MF-$0.50 HC-$5.60
BR-8-0627

Pub Date - Nov68 110p.

CONFERENCE REPORTS; *HEALTH OCCUPATIONS EDUCATION; *COMMUNITY COLLEGES; *PROGRAM DEVELOPMENT; *ADVISORY COMMITTEES; PROFESSIONAL ASSOCIATIONS; SYSTEMS APPROACH; AUTOINSTRUCTIONAL METHODS; CURRICULUM DEVELOPMENT; SPEECHES; *GUIDELINES; TEACHER EDUCATION
*ALLIED HEALTH PROFESSIONS PROJECTS

Twenty-eight committee members, representing educational institutions, professional associations, public agencies, and the public-at-large, participated in a meeting to provide guidance in a 4-year project undertaken by UCLA to develop exemplary instructional programs for the continuing education of existing allied health personnel and for the preservice education of new allied health personnel at the junior college level. Presentations include: (1) an explanation of the background of the project, (2) review of the proposal by Melvin Barlow, (3) review of the junior college level allied health professions and discussion of priorities by Mary Jensen, (4) discussion of the systems approach to instruction and individualization of instruction by B. Lamar Johnson, (5) a discussion of UCLA hospital-based training programs by Bernard Strohm, (6) an explanation of the UCLA clinical instructor training programs by Miles H. Anderson, and (7) demonstration of polysensory multi-media instructional materials by Milo P. Johnson. Appendixes include an instrument used to determine priorities among health occupations programs and a review of the results of the survey completed at the advisory committee meeting, a survey of health occupations programs, and the staffing pattern for the project. (JK)

VT 007 636 ED 029 096
Enactments by the 90th Congress Concerning Education and Training, First Session 1967, Part 1.

Congress of the U.S., Washington, D.C. Senate Committee on Labor and Public Welfare
EDRS PRICE MF-$1.50 HC-$18.85
Pub Date - Jun68 375p.

*REFERENCE MATERIALS; *FEDERAL LEGISLATION; *EDUCATION; *EDUCATIONAL LEGISLATION; *TRAINING; *FEDERAL LAWS; FEDERAL PROGRAMS; FEDERAL AID
*SENATE COMMITTEE ON LABOR AND PUBLIC WELFARE

Digests of laws with particular reference to their educational and training features are reported in this comprehensive record of enactments by the 90th Congress during its first session of 1967. Acts relating to training and education that concern students, teachers, or educational institutions are included. The information for this report was obtained from the weekly compilation of Presidential Documents, the daily Congressional Record, the Congressional Directory, the Calendars of the House of Representatives, the Digest of Public General Bills and Selected Resolutions, the texts of individual bills, the House and Senate hearings and committee reports, and the Statutes at Large. Sections in the document report the legislative history, digest, and text of each bill, a summary of the legislation, and presidential recommendations and statements concerning education and training. (DM)

VT 007 666
Canada Manpower Policy and Programs. Manpower Research Bulletin Number 16.

Manpower Administration (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Manpower Administration, U.S. Department of Labor, 14th Street and Constitution Avenue, N.W., Washington, D.C. 20210.
Pub Date - Nov68 41p.

*GOVERNMENT ROLE; *MANPOWER DEVELOPMENT; *NATIONAL PROGRAMS; *ADULT VOCATIONAL EDUCATION; EMPLOYMENT PROBLEMS; FOREIGN COUNTRIES
*CANADA; ECONOMIC COUNCIL OF CANADA

This bulletin describes the current manpower policy of Canada, explains its relation to other national goals, outlines the organization of manpower administration, and discusses some of the major elements of its manpower programs. Canada has pioneered in developing, administering, and financing adult training programs and in maintaining family incomes during training. The employment service has been restructured to provide manpower centers staffed with counselors to match workers and jobs or to guide individuals into training, mobility, or health programs. Area and seasonal unemployment problems have been attacked with original programs, and research and assessment agreements resulting from critical examinations of technological changes are exemplary case studies. The Economic Council of Canada represents organizational and operational ways to integrate manpower policies with economic and social policies. (EM)

VT 007 675 ED 029 098
Occupational Therapy Assistants Program. Demonstration Project.

Wisconsin State Board of Health, Madison
Public Health Service (DHEW), Washington, D.C.
EDRS PRICE MF-$2.50 HC-$34.15 CH53-4
Wisconsin Division of Health, P.O. Box 309, Madison, Wisconsin 53701.
Pub Date - 68 681p.

*OCCUPATIONAL THERAPY ASSISTANTS; *NURSING HOMES; *HEALTH OCCUPATIONS EDUCATION; *PROGRAM DEVELOPMENT; TESTS; INDIVIDUAL CHARACTERISTICS; CURRICULUM; OCCUPATIONAL THERAPISTS; PERSONNEL EVALUATION; CONSULTATION PROGRAMS; CLINICAL EXPERIENCE; ADMISSION CRITERIA; COURSE CONTENT; CERTIFICATION; DEMONSTRATION PROGRAMS; *PROGRAM DESCRIPTIONS; PROGRAM ADMINISTRATION; PROGRAM EVALUATION; INSTRUCTIONAL MATERIALS
WISCONSIN

Between November 1964 and June 1967, 85 women and five men completed a 4-month course held in several Wisconsin locations to prepare them as Certified Occupational Therapy Assistants to (1) plan and direct a general activity or supportive program of occupational therapy, (2) train individual patients in independent performance of activities of daily living, and (3) assist the Registered Occupational Therapist in carrying out a specific treatment program designed to correct or improve specific pathology. The average age of trainees was 37; 12 had not completed the 12th grade while 53 listed some post-secondary education. The curriculum, developed by a committee of Registered Occupational Therapists in the field of geriatrics and chronic illness, state board of health occupational therapy consultants, and selected advisory committee members, consisted of 369 hours of academic work and 160 hours of practical experience. Topics included an introduction to the training program and the occupational field, personality development, physical development, skills, relationships with other services, personnel policies, and medical terminology. Eighty-two graduates were employed. (JK)

VT 007 679 ED 026 523
Wenrich, Ralph C., And Others
A State Program for the Development of Persons for Leadership Roles in the Administration of Local Programs of Vocational and Technical Education. Final Report.

Michigan Univ., Ann Arbor. Div. of Vocational and Technical Education
EDRS PRICE MF-$0.50 HC-$4.25 OEG-3-6-050150-0559 08
BR-5-0150
Pub Date - Aug68 83p.

*ADMINISTRATIVE PERSONNEL; *VOCATIONAL EDUCATION; TECHNICAL EDUCATION; *LEADERSHIP TRAINING; *STATE PROGRAMS; BIBLIOGRAPHIES; *PROGRAM EVALUATION; QUESTIONNAIRES; SUMMER WORKSHOPS; SCHOOL DISTRICTS; PREDICTIVE ABILITY (TESTING); SUPERVISORS; VOCATIONAL DIRECTORS; LONGITUDINAL STUDIES; PROGRAM DESCRIPTIONS; INTERNSHIP PROGRAMS; EXPERIMENTAL GROUPS; CONTROL GROUPS
MICHIGAN

The vocational education leadership behavior of graduates from an 8-week summer workshop who completed a year-long internship was observed to evaluate the training program and to develop an objective formula for selection of personnel for effective leadership roles. The 71 graduates for the school years 1964-67 were compared with the 48 member control group which consisted of men interviewed but not selected for training. The leadership scores obtained indicated that the trained groups improved at a greater rate on the leadership variables measured than the control groups. It was impossible to separate the effects of training from the effects of selection when accounting for this improvement in leadership behavior. A prediction equation was developed which accounted for 25 percent of the variation in the leadership behavior measured. Some study highlights were: (1) An objective and quantitative measure of leadership behavior was obtained, (2) The selection procedure and training program accounted for impressive gains in leadership behavior, and (3) The combination of the 8-week summer workshop and the year-long internship was superior to the internship alone. (DM)

VT 007 694 ED 027 399
Miller, Aaron J., Ed.
Proceedings of a Consultants Workshop on Technologies Related to Mechanical Engineering (San Antonio, Texas, May 1968).

American Association of Junior Colleges, Washington, D.C.
Kellogg (W.K.) Foundation, Battle Creek, Mich.
EDRS PRICE MF-$0.50 HC-$3.05
Pub Date - May68 59p.

*CONSULTANTS; *TECHNICAL EDUCATION; ENGINEERING TECHNICIANS; SPEECHES; *PROGRAM DEVELOPMENT; PROGRAM PLANNING; POST SECONDARY EDUCATION; *CONFERENCE REPORTS; *ENGINEERING EDUCATION
*CONSULTANTS WORKSHOP ON TECHNOLOGIES RELATED TO MECHANICAL ENGINEERING, SAN ANTONIO, TEXAS, MAY 1968; OCCUPATIONAL EDUCATION PROJECT; OEP

Forty persons attended this workshop, designed to identify consultants and orient them to the needs of community colleges and technical institutes when developing, revising or upgrading mechanical technology programs. Presentations by some of the nation's leading technical educators were followed by discussion periods and critique, both of which are included in this pamphlet. The publication is intended as a guide to consultants and as an introduction for junior college administrators formulating programs in technologies related to mechanical engineering. Papers presented discussed: (1) the advantages of using consultants and initial arrangements for their use by K. Skaggs, (2) background data and information on technician supply and demand, and issues and concerns relevant to consultant service, by S. Brodsky, (3) steps for developing curriculum for mechanical engineering technologies by S. Peterson, (4) basic teaching methods and materials by R. Michael, and (5) facilities and staffing for mechanical engineering technologies by H. Cunningham. (FP)

VT 007 731
Casbergue, John P., Ed.
A Compilation of Information on Computer Applications in Nutrition and Food Service.

Ohio State Univ., Columbus. School of Allied Medical Professions
DOCUMENT NOT AVAILABLE FROM EDRS.
Division of Medical Dietetics. The Ohio State University, 410 West 10th Avenue, Columbus, Ohio 43210 ($2.00).
Pub Date - Jun68 96p.

*OCCUPATIONAL HOME ECONOMICS; *FOOD SERVICE; DIETETICS; *COMPUTER ORIENTED PROGRAMS; REFERENCE MATERIALS; *NUTRITION; ELECTRONIC DATA PROCESSING; *BIBLIOGRAPHIES

Electronic data processing is fast being recognized as a useful tool in dietetics and food service management. This compilation of information provides a reference source for students, research or operations personnel, and includes bibliographic references, personal communications, and pertinent activities or materials. Four world-wide MEDLARS (Medical Literature Analysis Retrieval System) searches were completed at the Ohio State University Computer Center to obtain information for this publication. The included citations met the subject word criteria "automation, automatic data processing, and/or electronic data processing, food, food service or nutrition." Citations from varying sources have been arranged to be generally consistent to style, and some have abstracts in addition to the bibliographic information. Categories include: Accounting, Computer Assisted Menu Planning, Food Service Management and Planning, Food Production, Nutrition, Personnel, Systems Planning, Talks and Papers, Applications and Research Progress Reports, and General. (FP)

VT 007 741 ED 028 261
Projected Program Activities for 1968-69. Directions for the Future.

Texas Education Agency, Austin
EDRS PRICE MF-$0.50 HC-$4.70
Pub Date - Sep68 92p.

*STATE DEPARTMENTS OF EDUCATION; *VOCATIONAL EDUCATION; *ADULT EDUCATION; *PROGRAM PLANNING; *ANNUAL REPORTS; EMPLOYMENT TRENDS; EDUCATIONAL TRENDS; PROGRAM IMPROVEMENT; EDUCATIONAL PLANNING; MANPOWER NEEDS; STATE FEDERAL SUPPORT; EMPLOYMENT OPPORTUNITIES; FINANCIAL SUPPORT
TEXAS

Developed as a report for the United States Office of Education, data presented have been modified from the suggested format for ease of reading and reference. Processes involved in the vocational and adult education planning cycle are to: (1) identify needs, (2) define needs, (3) design programs, (4) specify training staff, equipment, and facilities, (5) identify and select students, (6) perform instruction, (7) assist in placement, and (8) evaluate through follow-up. The two major sections of the document discuss the total educational program manpower needs and employment opportunities and the vocational education program extension and improvement plans. The appendixes contain: (1) 1968-69 Texas total expenditure estimate, (2) special adult programs 1968-69 projected activities, (3) 19 illustrative tables, (4) location of area vocational schools, and (5) a vocational and adult education organizational chart. (DM)

VT 007 745 ED 027 404
Training of Ambulance Personnel and Others Responsible for Emergency Care of the Sick and Injured at the Scene and During Transport.

National Academy of Sciences, National Research Council, Washington, D.C. Div. of Medical Sciences
Public Health Service (DHEW), Silver Spring, Md. Emergency Health Services Branch
EDRS PRICE MF-$0.25 HC-$1.60 Contract PH-110-68-1
Division of Medical Science, National Academy of Sciences, 2101 Constitution Avenue, N.W., Washington, D.C. 20418 (no charge).
Pub Date - Mar68 30p.

*HEALTH OCCUPATIONS EDUCATION; *PROGRAM DEVELOPMENT; FIRST AID; *PROGRAM GUIDES; *EMERGENCY SQUAD PERSONNEL; EDUCATIONAL PROGRAMS; MEDICAL SERVICES; RESCUE

Ambulance personnel must be able to (1) appraise the extent of first aid rendered by others, (2) carry out additional measures at the scene and en route, (3) operate vehicles safely, (4) maintain communication with traffic authorities, dispatchers, and emergency departments, and (5) keep records for medical and other authorities. Guidelines for training organize instruction into three major sections: (1) Emergency Care includes anatomy and physiology, vital signs, life threatening emergencies, injuries, burns, environmental emergencies, acute poisoning, medical emergencies, emergency childbirth, and management of the emotionally disturbed, (2) Ambulance Services includes personnel, emergency vehicles, use of equipment and supplies, communication, relationships with hospital emergency departments, control of the accident scene, rescue procedures, medicolegal problems, and records and reports, and (3) In-Hospital Training discusses observation, demonstration, and participation in hospital departments. Recommendations for development of a nationwide training program and an extensive bibliography are included. (JK)

VT 007 755 ED 030 712
Jacobson, Marjory E.
Project ES '70 Training for Local Coordinators. Final Report.

Bloomfield Hills School District, Mich.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$7.35 OEG-0-8-000073-1775-085 08
BR-8-0073
Pub Date - 1Aug68 145p.

*WORKSHOPS; *COORDINATORS; *LEADERSHIP TRAINING; CURRICULUM; *EDUCATIONAL CHANGE; CHANGE AGENTS; EDUCATIONAL OBJECTIVES
*PROJECT EDUCATIONAL SYSTEM FOR THE SEVENTIES; ES 70

The "organic curriculum" of the Educational System of the Seventies Project (ES '70) is one which integrates academic training, occupational training, and personal development in grades nine through 12 and which draws heavily on research dealing with individualized instruction. The program held at Kingsley Inn, Bloomfield Hills, Michigan, from August 21-31, 1967 was designed to prepare ES '70 local coordinators to assume the role of change agents within their school districts. In attendance were 15 coordinators and 12 guests. The Bloomfield Hills School District provided the workshop director, coordinator, and five other consultants. Eighteen speakers made presentations which are very briefly summarized in the report. Work sessions included laboratory periods in which coordinators developed their own materials. Appendixes include: (1) a resume of "Overview of the ES '70 Program" by Robert Morgan, (2) the workshop schedule, (3) list of speakers, participants, guests, and consultants, (4) background information on speakers, (5) a suggested reading list, (6) guides for laboratory sessions, (7) workshop evaluation form, and (8) other workshop forms. (JK)

VT 007 756 ED 026 529
Sidney, Howard
Methods of Teaching Agricultural Occupations in Community Colleges and Area Vocational Schools. Final Report.

State Univ. of New York, Cobleskill. Agricultural and Technical Coll.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.65 OEG-0-8-080008-1889(085) 08
BR-8-0008
Pub Date - Aug68 91p.

INSERVICE TEACHER EDUCATION; *CONFERENCE REPORTS; *TECHNICAL EDUCATION; *AGRICULTURAL EDUCATION; AGRICULTURAL OCCUPATIONS; COMMUNITY COLLEGES; AREA VOCATIONAL SCHOOLS; *POST SECONDARY EDUCATION; EDUCATIONAL OBJECTIVES; EDUCATIONAL NEEDS; CURRICULUM DEVELOPMENT; EDUCATIONAL FACILITIES; *EDUCATIONAL PLANNING; FACULTY; WORK EXPERIENCE; COMMUNICATION (THOUGHT TRANSFER); INSTRUCTION; LEADERSHIP TRAINING
REGIONAL SEMINARS TEACHING AGRICULTURAL OCCUPATIONS IN COMMUNITY COLLEGES AND AREA VOCATIONAL SCHOOLS, NOVEMBER 13, 1967-JUNE 14, 1968

Twelve 3-day regional seminars were held from November 13, 1967 to June 14, 1968 to assist educators at the post-high school level to: (1) determine the need for agricultural programs, (2) plan and develop curriculums, (3) investigate supervised occupational experiences, (4) assist in the development of leadership characteristics, (5) evaluate facilities for instruction, (6) help train faculty for vocational-technical programs, (7) communicate with administrators, high school teachers, 4-year college faculty, and the general public, and (8) provide guidelines for agricultural-technical programs. The seminars were attended by 435 state supervisors of agriculture, teacher educators, state directors, and personnel in post-secondary agricultural institutions from 44 states and Washington, D.C. Some general conclusions were: (1) The public is demanding supervised occupational experience for students enrolled in vocational-technical education, (2) Students are receiving better instruction at the high school level, (3) There is a trend in post-high school curriculums for cooperation among the various vocational services, (4) There is increasing need for agricultural management ability, and (5) Areas served by community colleges should be large enough to support sound technical programs. (DM)

VT 007 762 ED 027 406
Report of the Committee on Administration of Training Programs.

Committee on Administration of Training Programs (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.30
Pub Date - Mar68 84p.

VOCATIONAL EDUCATION; *PROGRAM ADMINISTRATION; *FEDERAL PROGRAMS; *PROGRAM EVALUATION; WELFARE RECIPIENTS; ECONOMICALLY DISADVANTAGED; APPRENTICESHIPS; *EDUCATIONAL PROGRAMS; *PROGRAM EFFECTIVENESS; MANPOWER DEVELOPMENT; VOCATIONAL REHABILITATION; FEDERAL LEGISLATION; DISADVANTAGED YOUTH; ADULT VOCATIONAL EDUCATION
*COMMITTEE ON ADMINISTRATION OF TRAINING PROGRAMS

The Committee studied the administration of training under federal programs including Manpower Development and Training, Economic Opportunity, Adult Basic Education, Vocational Education, Work-Study Program, Social Security, Vocational Rehabilitation, and National Apprenticeship Training Acts, as well as selected administratively established programs including Five Cities Test Project, Concentrated Employment Programs, and Operation SER. The study extended from April 1967 to March 1968. It was concluded that some waste, duplication, and inefficiency existed in the nearly 30 separate federally supported job training programs but that these failures rarely vitiated the usefulness of the programs. Recommendations include: (1) formulation and codification of national manpower policy, (2) provision for training of individuals receiving welfare benefits without penalization, (3) expansion of apprenticeship and efforts to assist the flow of qualified minority group applicants, (4) assurance that training prepares for entry into jobs with opportunity for advancement and for adequate income, (5) establishment of residential vocational education centers, (6) more adequate funding and arrangement to permit time for programing operations, (7) integration of training activities with the Department of Labor, (8) improvement of internal program communications and inter-program communications, and (9) initiation of a comprehensive system of data collection to facilitate evaluation. (JK)

VT 007 764 ED 028 263
Operation Decision: Citizen Planning for Nursing in the South. Report of a Conference (Atlanta, March 6-8, 1968).

Southern Regional Assembly of Constituent Leagues for Nursing
National League for Nursing, New York, N.Y. Council of Public Health Nursing Services
EDRS PRICE MF-$0.25 HC-$2.95
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($2.00).
Pub Date - Mar68 57p.; Report of a Conference (Atlanta, March 6-8, 1968).

*CONFERENCE REPORTS; *NURSING; *SOUTHERN STATES; PROFESSIONAL EDUCATION; HEALTH OCCUPATIONS EDUCATION; HEALTH SERVICES; COMMUNITY HEALTH SERVICES; *REGIONAL PLANNING; COMMUNITY INVOLVEMENT; *CITIZEN PARTICIPATION *OPERATION DECISION CITIZEN PLANNING FOR NURSING IN THE SOUTH, ATLANTA, GEORGIA, MARCH 6-8, 1968

More than 170 key representatives of nursing, allied health and education professions, government agencies, regional and state planning groups, and other citizens participated in the conference, which sought to answer the questions: (1) What is community planning? (2) Who does it? and (3) How does community planning for nursing relate to overall planning for health services and education? Speeches include: "Citizen Planning for Nursing," by Edwin F. Rosinski, "The Virginia Study" by Mabel E. Montgomery, "State-Wide Planning in North Carolina" by Howard R. Boozer, and "Comprehensive Community Nursing--Chaos or Challenge" by Dorothy L. Barfield. Regional advisory teams suggested nursing service and nursing education issues to state groups for discussion. Groups representing Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, Texas, Virginia, and West Virginia formulated statements of concern and commitment including action steps which they, as unofficial groups, hoped to take within a month after returning home. Discussions and plans are summarized. (JK)

VT 007 765 ED 028 264
Selected Bibliography on Associate Degree Nursing Programs and Nursing Education in Junior and Community Colleges.

National League for Nursing, New York, N.Y. Dept. of Associate Degree Programs
EDRS PRICE MF-$0.25 HC-$0.35
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($0.10)
Pub Date - Feb68 5p.

*NURSING; *BIBLIOGRAPHIES; *HEALTH OCCUPATIONS EDUCATION; *COMMUNITY COLLEGES

The bibliography includes references on various aspects of associate degree nursing programs from 1951 to 1968. Books, periodical articles, pamphlets, and doctoral projects are listed. (JK)

VT 007 769 ED 029 099
Report...to the Secretary of Health Education and Welfare.

National Citizens Advisory Committee on Vocational Rehabilitation (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS1.2:V85, $.75).
Pub Date - 26Jun68 117p.

*VOCATIONAL REHABILITATION; *HANDICAPPED; *PROGRAM EVALUATION; *PROGRAM DEVELOPMENT; RESEARCH; FEDERAL AID; CORRECTIONAL EDUCATION; REHABILITATION COUNSELING; *HUMAN SERVICES; WORK EXPERIENCE PROGRAMS; REHABILITATION CENTERS; REHABILITATION PROGRAMS; ADVISORY COMMITTEES; PUBLIC RELATIONS

In 1965, the Committee on Appropriations of the House of Representatives provided for the establishment of a citizens advisory body to (1) make a comprehensive study of the vocational rehabilitation program and vocational rehabilitation needs, and (2) formulate goals and make specific recommendations for arriving at these goals. Among recommendations were: (1) increased federal funds and availability of funds through state rehabilitation agencies to develop programs under the auspices of other agencies, (2) encouragement of employers to set up on-the-job training programs, (3) cooperative involvement of management, labor, and government in developing approaches to employment of the handicapped, (4) preparation of more disabled persons for jobs in the distribution and service fields, (5) assurance that individuals on the workmen's compensation roles who need and can benefit from rehabilitation services receive them, (6) establishment of cooperative school rehabilitation programs, (7) provision of federal grants to correctional agencies for rehabilitation services, (8) decentralization of rehabilitation offices to provide services where people live, (9) increased employment of rehabilitation aides from neighborhoods where service is to be provided, and (10) extension of educational programs for personnel. (JK)

VT 007 771 ED 027 408
Olson, Delmar W., And Others
Symposium on Industrial Arts Education, 1968.

California State Dept. of Education, Sacramento
EDRS PRICE MF-$0.25 HC-$1.20
Bureau of Industrial Education, California State Department of Education, 721 Capitol Mall, Sacramento, California 95814 (without charge).
Pub Date - 68 22p.

*INDUSTRIAL ARTS; *FEDERAL LAWS; *CURRICULUM DEVELOPMENT; PROGRAM DESCRIPTIONS; *SUPERVISORY ACTIVITIES; *EDUCATIONAL PHILOSOPHY; FINANCIAL SUPPORT; PROGRAM ADMINISTRATION

Five papers presented at six California colleges in July of 1968 are presented. "Industrial Arts and Technology" by Delmar W. Olson outlines the basis for a contemporary industrial arts program, its possible purposes, and several elements which need consideration when designing such a program. "Contemporary Industrial Arts Programs in the United States" by Arthur J. Dudley discusses five traditional and contemporary approaches to program and curriculum planning. "Implementing Promising Curriculum Changes in Industrial Arts" by Ralph C. Bohn describes two types of curriculum changes which involve either organizational patterns or educational materials and which are presently taking place. "Supervision and Administration of Industrial Arts" by Leonard W. Glisman reviews the supervisory role involving responsibility for instructional improvement, personnel administration, course development, instructional leadership, coordination, and inservice education. "Federal Funds for Industrial Arts" by Howard S. Decker outlines provisions of the Elementary and Secondary Education Act, the National Defense Education Act, and the Educational Professions Development Act. (EM)

VT 007 787 ED 029 102
Guide for Developing a Pre-Employment Training Program for Nurses' Aides.

Michigan League for Nursing, Detroit
EDRS PRICE MF-$0.25 HC-$2.10
Michigan League for Nursing, Room 314, 51 West Warren Avenue, Detroit, Michigan 48201 ($2.00).
Pub Date - Jan68 40p.

*NURSES AIDES; *ADMINISTRATOR GUIDES; PROGRAM DEVELOPMENT; *CURRICULUM GUIDES; *HEALTH OCCUPATIONS EDUCATION; PROGRAM PLANNING

The guide is intended to serve two purposes: (1) to provide information to agencies contemplating the establishment of a pre-employment training program, and (2) to assist administrative and instructional personnel responsible for such programs. Prior to publication, a tentative draft was circulated to directors of nursing in the 143 Michigan League for Nursing member hospitals for review and recommendations, and selected individuals were consulted. The guide is organized into three major sections. Part I, a guide for initial planning, discusses assessing community needs, selecting the program setting, financing the program, appointing the advisory committee, and interpreting the program. Part II, a guide for organizing the program, deals with the purpose, role of the worker, administrative and fiscal responsibility, instructional staff, training facilities, trainee recruitment and selection, training objectives, curriculum planning, evaluation, and employment counseling. Part III, guides for the instructional staff, presents model training objectives, recommended curriculum content, and a model lesson plan and course schedule. Appendixes include information on age distribution and education background of nurse aides in Michigan and a listing of related references. (JK)

VT 007 803 ED 027 410
Eastern Iowa Community College Occupational Survey. A Study of the Needs for Post-High School Education in the Eastern Iowa Community College District.

Eastern Iowa Community Coll., Bettendorf. Citizens' Advisory Committee
EDRS PRICE MF-$0.75 HC-$8.00
Pub Date - Jan68 158p.

*COMMUNITY COLLEGES; *OCCUPATIONAL SURVEYS; VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *EDUCATIONAL NEEDS; EMPLOYER ATTITUDES; EMPLOYMENT OPPORTUNITIES; POST SECONDARY EDUCATION; ASPIRATION; PARENT ATTITUDES; STUDENT ATTITUDES; EDUCATIONAL INTEREST; EVALUATION
*EASTERN IOWA COMMUNITY COLLEGE DISTRICT

An in-depth study of a five-county area included in the Eastern Iowa Community College district yielded the following findings: (1) Nearly one-third of all youth without plans for college were in a general curriculum, (2) Youth plans for college were found to be related to family economic status, stability of home life, level of parents' education, and parents' attitude toward youth continuing in school, (3) Of respondents having no further education beyond high school, 22 percent of the men had taken no vocational education to prepare for a job, (4) Employers almost never employ high school dropouts, (5) Financial reasons and inability to make good enough grades were reasons of most importance given by over half of all seniors who did not plan college attendance, (6) 56 percent felt they received some but not very much help, or little help in making educational plans or occupational choices, (7) Fields of advanced study of interest to seniors revealed needs for preprofessional or technical programs in 10 areas, (8) Parents of fifth grade children expressed interest for their children obtaining advanced education in 11 technical areas, and (9) Areas in which employers indicated the greatest need for job up-grading training were supervisory training, blueprint reading, business, mathematics and mechanics. (DM)

VT 007 808 ED 029 104
Industrial Arts Education: Purposes, Program, Facilities, Instruction, Supervision.

American Council of Industrial Arts Supervisors
American Industrial Arts Association, Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.15
American Industrial Arts Association, National Education Association, 1201 Sixteenth Street, N.W., Washington, D.C. 20036.
Pub Date - 69 41p.

*PROGRAM DESCRIPTIONS; *INDUSTRIAL ARTS; ELEMENTARY GRADES; SECONDARY GRADES; *SCHOOL SUPERVISION; *EDUCATIONAL OBJECTIVES; *EDUCATIONAL FACILITIES; CURRICULUM; SUPERVISION; INSTRUCTION

Industrial arts education is designed specifically to help prepare individuals for meeting the requirements of a technological culture. It is an integral part of education from kindergarten through higher education which provides representative experiences in industrial skills and processes. This planned program requires special facilities which may be of these major types: unit, limited general, or comprehensive general school shops. These are selected to match the objectives of the instructional program. Such instruction is more commonly offered by regular elementary classroom teachers and specialized secondary teachers. The contents of courses are presented according to levels for each major area of industrial arts. These levels are typically represented as Level I, Introductory; Level II, Basic; Level III, Intermediate; and Level IV, Advanced; and they represent levels of performance as well as knowledge complexity. Supervisors of industrial arts are concerned with one basic objective, that is, the improvement of instruction. This is accomplished by stimulating, guiding, assisting, and leading teachers to evaluate their attitudes, practices, educational activities, and teacher procedures. A list of members of the American Council of Industrial Arts Supervisors is included. (EM)

VT 007 821
Practical Nursing Education. A Guide for Establishing and Improving Educational Programs. Criteria and Procedures for Accreditation. Pamphlet Number 3.

National Association for Practical Nurse Education and Service, Inc., New York, N.Y.
MF AVAILABLE IN VT-ERIC SET.
National Association for Practical Nurse Education and Service, Inc., 535 Fifth Avenue, New York, New York 10017 ($.50).
Pub Date - 67 22p.

*ACCREDITATION (INSTITUTIONS); *HEALTH OCCUPATIONS EDUCATION; *PRACTICAL NURSING; *STANDARDS

The ultimate purpose of the accreditation program of the National Association for Practical Nurse Education and Service is to improve patient care through increasing the number of well prepared practical nurses. The scope of the accrediting service includes basic programs which prepare students for beginning practice and for licensure, and postgraduate courses in which licensed practical nurses are helped to extend their abilities beyond those developed in the basic program. The pamphlet explains policies and procedures and spells out criteria. Criteria for basic programs are organized under the headings: (1) Philosophy and Objectives, (2) Control and Organization, (3) Faculty, (4) Students, (5) Curriculum and Instruction, (6) Resources and Facilities, (7) Community Relations, and (8) Evaluation and Further Development of the Program. Criteria for postgraduate programs are similarly organized. Procedures for accreditation are included. (JK)

VT 007 826 ED 027 411
Innovations and Special Programs in Vocational Education.

National Association of State Directors of Vocational Education
Ohio State Univ., Columbus. Center for Vocational and Technical Education
EDRS PRICE MF-$0.25 HC-$2.45
Pub Date - Aug68 47p.; Papers presented at Leadership Development Seminar for State Directors of Vocational Education (Columbus, Aug. 6-9, 1968).

*CONFERENCE REPORTS; *EDUCATIONAL INNOVATION; *VOCATIONAL EDUCATION; VOCATIONAL DIRECTORS; *DEMONSTRATION PROJECTS; *STATE PROGRAMS; EDUCATIONAL CHANGE; STATE SUPERVISORS; ADMINISTRATORS; PROGRAM PLANNING; PROGRAM ADMINISTRATION; PROGRAM DEVELOPMENT; PROGRAM IMPROVEMENT;
*LEADERSHIP DEVELOPMENT SEMINAR STATE DIRECTORS OF VOCATIONAL EDUCATION, AUGUST 6-9, 1968, COLUMBUS, OHIO

A leadership development seminar for State Directors of Vocational Education was held in Columbus, Ohio, on August 6-9, 1968 to provide inservice training for stronger and more effective vocational programs in each state. Each State Director was asked to contribute a one-page report of some special program activity or new innovation to share with other State Directors. This publication contains the papers contributed by 42 states and Puerto Rico. (DM)

VT 007 837 ED 027 412
Selland, Larry G., Ed.
Leadership Development Seminar in Vocational-Technical Education. Final Report.

Maryland Univ., College Park
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$1.00 HC-$12.05 OEG-0-8-080345-3603(085) 08
BR-8-0345
Pub Date - Jan69 239p.

*CONFERENCE REPORTS; *VOCATIONAL EDUCATION; *LEADERSHIP TRAINING; SEMINARS; *ADMINISTRATIVE PERSONNEL; TECHNICAL EDUCATION; PROGRAM EVALUATION; PROGRAM PLANNING; SPEECHES; STATE PROGRAMS; SUPERVISION; ADVISORY COMMITTEES; EDUCATIONAL LEGISLATION
*LEADERSHIP DEVELOPMENT SEMINAR IN VOCATIONAL-TECHNICAL EDUCATION, UNIVERSITY OF MARYLAND, COLLEGE PARK, MARYLAND, JUNE 2-7, 1968

A seminar to expand the leadership potential of 34 selected state and local vocational educators from 21 states was held June 2-7, 1968. Specific objectives were to develop an understanding of the critical areas of need for vocational-technical programs, an awareness of desirable program developments to meet these needs, and a knowledge of effective coordination techniques. To this end, a multi-dimensional approach of information presentation, outstanding speakers, discussion techniques and participant involvement was employed. The 17 major presentations are printed in their entirety, including "The Role of Vocational Education in the World of Work," by L. Minear, "Expectations of the Advisory Council on Vocational and Technical Education," by L. Rosenberg, "Case Study of State Leadership Development" by J. Beaumont, "State Vocational-Technical Education Research and Evaluation Programs," by A. Righthand, and "An Education System for the 70's," by D. Nielsen. Summaries of the planning group reports and an evaluation of the seminar are included. (DM)

VT 007 841 ED 027 413
Joint Meeting of Allied Health Professional Projects Staff and the Board of Directors and Staff, League for Innovation in the Community College (Los Angeles, Nov. 20, 1968). Interim Report.

California Univ., Los Angeles. Div. of Vocational Education
Allied Health Professions Projects, Los Angeles, Calif.
EDRS PRICE MF-$0.50 HC-$4.30 OEG-0-8-080627-4672 08
BR-8-0627
Pub Date - Dec68 84p.

*CONFERENCE REPORTS; *HEALTH OCCUPATIONS EDUCATION; *COMMUNITY COLLEGES; *COOPERATIVE PLANNING; MEDIA TECHNOLOGY; AUTOINSTRUCTIONAL AIDS; CURRICULUM DEVELOPMENT; TEACHER EDUCATION; SINGLE CONCEPT FILMS; PROGRAM DESCRIPTIONS
ALLIED HEALTH PROFESSIONS PROJECTS; *LEAGUE FOR INNOVATION IN THE COMMUNITY COLLEGE, LOS ANGELES CALIFORNIA NOVEMBER 20, 1968

Thirty-five representatives participated in a joint meeting to share information about the Allied Health Professions Projects and paramedical education at League Colleges, and to plan for cooperative work. In an informal summary, B. Lamar Johnson outlined areas of possible cooperation that he believed would emerge from an examination of the minutes of the session. These included: (1) participation in a workshop conference at Delta College in Michigan on the auto-tutorial nursing project there, (2) participation in work in multi-media instruction in the health occupations field, (3) planning related to funding and grant applications, (4) assembling of information related to curriculum development, for the use of the League and Colleges initiating programs, and (5) the development of core programs in health occupations. Appendixes present information about the University of California at Los Angeles clinical instructor training program, Delta College autotutorial nursing project, Laney College experimental nursing program, Los Angeles City School Districts health occupations programs and projects, and allied health programs of El Centro College. (JK)

VT 007 870 ED 027 416
Part-Time Industrial Cooperative Education. A Manual for Administrators and Coordinators. Series B Bull. 198.

Illinois State Board of Vocational Education and Rehabilitation, Springfield. Voc. and Tec. Education Div.
EDRS PRICE MF-$0.75 HC-$8.35
Pub Date - Oct68 165p.

*COOPERATIVE EDUCATION; *SECONDARY EDUCATION; ADVISORY COMMITTEES; PROGRAM EVALUATION; STUDENT PLACEMENT; ADMISSION CRITERIA; PUBLIC RELATIONS; YOUTH CLUBS; *TRADE AND INDUSTRIAL EDUCATION; ADMINISTRATOR RESPONSIBILITY; *PROGRAM GUIDES; *STATE STANDARDS; INSTRUCTOR COORDINATORS; TEACHER RESPONSIBILITY
ILLINOIS

The manual is intended to assist school administrators and teacher coordinators in establishing and maintaining programs of industrial cooperative education, that is, programs of vocational education designed to provide high school youth opportunities to receive on-the-job training in an occupation which is trade and industrial in nature, of his or her choice, by cooperatively utilizing the resources of the school and community. This 1968 revised edition presents the basic philosophy, activities, methods, and operational procedures of industrial cooperative education programs. The topical areas include: (1) Establishing an Industrial Cooperative Education Program, (2) The High School Administrator's Responsibilities, (3) The Teacher-Coordinator, (4) The Teacher-Coordinator Begins His Work, (5) Selection and Placement of Student Learners, (6) Related Instruction, Coordination, Reports and Records, (7) Advisory Committees: Their Organization and Function, (8) Program Evaluation in Industrial Cooperative Education, and (9) Aids for the Teacher-Coordinator. (CH)

VT 007 871 ED 027 417
Criteria for Technician Education. A Suggested Guide.

Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.65
OE-80056
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS5.280:80056, $.45).
Pub Date - 68 91p.

*TECHNICAL EDUCATION; CURRICULUM; *PROGRAM GUIDES; PROGRAM CONTENT; ADMINISTRATIVE ORGANIZATION; ADMISSION CRITERIA; EDUCATIONAL FACILITIES; INSTRUCTIONAL STAFF; STUDENT PERSONNEL SERVICES; PROGRAM EVALUATION; *PROGRAM DESIGN; *PROGRAM DEVELOPMENT; GUIDELINES; *PROGRAM ADMINISTRATION

This publication discusses criteria for post-secondary education of technicians as illustrated by the accumulated experience of successful programs which have had their graduates sought after by employees. Chapter headings are (1) Technicians: Who They Are and What They Do, (2) Administration of Programs to Educate Technicians, (3) Physical Facilities, (4) Faculty, (5) Student Selection and Services, and (6) The Curriculum. The objective of such programs is to provide a broadly based competency in a field of applied sciences of sufficient depth that the graduate may be employed in one of a cluster of related work opportunities. They have no predetermined implications for transferability to a baccalaureate or professional programs, but do not preclude a student's continuation toward such an objective. Courses in a technician's curriculum are usually grouped as basic science, mathematics, technical, communication, and social studies courses. Illustrative 2-year curriculums are given for electronics, metallurgy, ornamental horticulture, dental hygiene and nursing. A bibliography and list of persons who are involved in the development of the guide are included. (EM)

VT 007 872 ED 029 107
Schaefer, Carl J.; Kaufman, Jacob J.
Occupational Education for Massachusetts. A Report Prepared for the Massachusetts Advisory Council on Education.

EDRS PRICE MF-$1.25 HC-$14.70
Pub Date - Jun68 292p.

*VOCATIONAL EDUCATION; *MASTER PLANS; *EDUCATIONAL NEEDS; TEACHER EDUCATION; *EDUCATIONAL OBJECTIVES; POST SECONDARY EDUCATION; ADVISORY COMMITTEES; EDUCATIONAL PHILOSOPHY; PROGRAM DEVELOPMENT; *PROGRAM EVALUATION; EDUCATIONAL FINANCE; CURRICULUM; EDUCATIONAL LEGISLATION; STATE SURVEYS; EDUCATIONAL CHANGE; SECONDARY EDUCATION; EDUCATIONAL HISTORY; PROGRAM ADMINISTRATION; PROGRAM EFFECTIVENESS; EDUCATIONAL PLANNING; STATE LEGISLATION
MASSACHUSETTS; MASSACHUSETTS ADVISORY COUNCIL ON EDUCATION; MACE

A statewide study of vocational and technical education was initiated to evaluate the present system and recommend a master plan for the development, coordination, and expansion of occupational education. Chapters discuss: (1) Key Issues in Occupational Education, (2) Vocational and Technical Education in Massachusetts and the United States, (3) The Study Methods, (4) The Adequacy of Vocational Education in Preparing Youth for Employment, (5) Occupational Education in the Private Sector, (6) The Image of Vocational Education, (7) Teacher Education, (8) Financing of Education in Massachusetts, (9) Educational Media and Vocational-Technical Education, (10) Occupational Education in Massachusetts' Regional Community Colleges, (11) The Economy and Occupational Requirements of Massachusetts, and (12) Recommendations. Recommendations were advanced for improvement in vocational education in areas of: (1) curriculum, (2) comprehensive high schools, (3) organization, (4) institutes for educational development, (5) administration, (6) teacher education, (7) public support, (8) community colleges, (9) financing, and (10) legislation. The appendixes contain the meetings, conferences, and schools visited and tables of supporting data. (DM)

VT 007 884 ED 029 957
Haber, William; Kruger, Daniel
The Role of the United States Employment Service in a Changing Economy. Studies in Employment and Unemployment.

Upjohn (W.E.) Inst. for Employment Research, Kalamazoo, Mich.
EDRS PRICE MF-$0.75 HC-$6.55
W.E. Upjohn Institute for Employment Research, 1101 Seventeenth Street, N.W., Washington, D.C. 20036 (no charge).
Pub Date - Feb64 129p.

*EMPLOYMENT SERVICES; EMPLOYMENT PROGRAMS; FEDERAL LEGISLATION; FEDERAL STATE RELATIONSHIP; FEDERAL PROGRAMS; *HISTORICAL CHANGE; *ORGANIZATIONAL CHANGE; PROGRAM ADMINISTRATION; AGENCIES; *AGENCY ROLE; LABOR MARKET; MANPOWER UTILIZATION; JOB PLACEMENT; JOB TRAINING; VOCATIONAL COUNSELING; PROGRAM IMPROVEMENT
*UNITED STATES EMPLOYMENT SERVICE; USES

This monograph examines the developments which have influenced the United States Employment Service during the 30 years of its history, since the Wagner-Peyser Act of 1933. The major social and economic developments, the enabling legislation, and the issues and problems regarding the proper role of that service are discussed. Some of the historical roots of employment service concepts are traced as far back as 1834. The various services available through the Employment Service such as placement counseling, labor market information and research, industrial services, training, and others are described and the rationale for their existence is presented. Some of the problems and issues analyzed are: (1) for whom is the Employment Service intended, (2) relationships with colleges and universities, (3) relationships with private employment agencies, and (4) federalization versus federal-state system. A variety of proposals for strengthening and improvement are presented along with a critical discussion of the proposals. Seven specific suggestions for improvement are advanced in the areas of: federal leadership, finance, evaluation, personnel, local office operations, community support, and research. Tables and organization charts are included. (ET)

VT 007 894 ED 029 108
Report of the National Advisory Commission on Health Manpower. Volume 1.

National Advisory Commission on Health Manpower, Washington, D.C.
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402 (PR-36.8:H34/R29/Vol I, $.45).
Pub Date - Nov67 102p.

*HEALTH SERVICES; *HEALTH PERSONNEL; MANPOWER UTILIZATION; *PROFESSIONAL EDUCATION; FEDERAL AID; PROGRAM EVALUATION; EMPLOYMENT TRENDS; MANPOWER NEEDS; HEALTH OCCUPATIONS EDUCATION; GOVERNMENT ROLE
*NATIONAL ADVISORY COMMISSION ON HEALTH MANPOWER

In 1966, the President established the National Advisory Commission on Health Manpower to "develop appropriate recommendations for action by government or by private institutions, organizations, or individuals for improving the availability and utilization of health manpower." Recommendations include: (1) federal funds to encourage enrollment expansion by medical and dental schools, (2) appropriate utilization of nursing skills and improved salaries and personnel policies for nurses, (3) university supervision of formal education for all health professions, (4) continuous revision of curriculums for health professionals on the basis of a continuing functional analysis of health care, (5) high priority to federal support of experimental programs for training and utilizing new categories of health professionals, (6) high priority to health care of the disadvantaged, (7) implementation of a major program in the area of accident prevention and emergency care, (8) stress by the federal government and health insurance organizations to introduce payment formulas which would reward efficiency and quality of hospital care, and (9) financial support for experimental projects of integrated health service systems. VT 007 895 (in this issue) is a related document. (JK)

VT 007 895 ED 029 959
Report of the National Advisory Commission on Health Manpower. Volume II.

National Advisory Commission on Health Manpower, Washington, D.C.
EDRS PRICE MF-$2.25 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402 (PR-36.8:H34/R29/Vol II, $2.25).
Pub Date - Nov67 583p.

*HEALTH PERSONNEL; *HEALTH SERVICES; COSTS; MANPOWER NEEDS; EDUCATIONAL NEEDS; FEDERAL AID; MEDICAL SERVICES; *MANPOWER UTILIZATION; *HEALTH OCCUPATIONS EDUCATION; EDUCATIONAL SUPPLY; PROGRAM DESCRIPTIONS; *CERTIFICATION; TECHNOLOGICAL ADVANCEMENT; HEALTH FACILITIES

Related to VT 007 894, "Report of the National Advisory Commission on Health Manpower, Volume I," (also in this issue) this volume presents seven appendixes to that report. Appendix II concerns variation in per diem direct hospital expenses. Appendix III includes the reports of the panels on: (1) consumer role in the health care system, (2) education and supply, (3) federal use of health manpower, (4) foreign medical graduates, (5) hospital care, (6) impact of new technologies, and (7) organization of health services. Appendix IV describes the Kaiser Foundation Medical Care Program. Appendix V presents projections regarding the demand, supply, and price of health services in 1975. Appendix VI reviews major studies of health manpower requirements between 1930 and 1965. Appendix VII discusses legal regulation of health personnel. Appendix VIII presents extensive statistical tabulations of data on physicians. (JK)

VT 007 900 ED 028 271
Guidelines for the Development of Vocational Education in Texas Through 1975-76.

Texas Education Agency, Austin. Advisory Committee on Vocational Education
EDRS PRICE MF-$0.25 HC-$2.55
Pub Date - Sep68 49p.

*VOCATIONAL EDUCATION; STATE PROGRAMS; *EDUCATIONAL PROBLEMS; *FINANCIAL PROBLEMS; *ADMINISTRATIVE PROBLEMS; ENROLLMENT TRENDS; POPULATION TRENDS; EMPLOYMENT TRENDS; *GUIDELINES; ECONOMIC FACTORS; EDUCATIONAL PLANNING
TEXAS

Those public school vocational programs which involve the expenditure of Texas state funds are the focus of this report. Demographic, economic, enrollment, and vocational education expenditure data were collected and are presented. Projections based on these data are made through 1975. In addition, 13 problems and specific action recommendations are presented for consideration by the state legislature and state board of education. (EM)

VT 007 964 ED 030 713
An Educational System for the Seventies.

Shelley (E.F.) and Comp., Inc., New York, N.Y.
EDRS PRICE MF-$0.25 HC-$1.50
Pub Date - 21Nov68 28p.

*SYSTEMS APPROACH; *PROGRAM DEVELOPMENT; *SECONDARY SCHOOLS; *OBJECTIVES; *ORGANIZATION; EDUCATIONAL INNOVATION; DEMONSTRATION PROGRAMS; EDUCATIONAL PLANNING; INDIVIDUALIZED INSTRUCTION; PROGRAM CONTENT
EDUCATIONAL SYSTEM OF THE SEVENTIES; ES 70

An Educational System for the Seventies (ES '70) is a research and demonstration program representing a broad scope of activity that cuts across every aspect of education. Four main categories of activities comprise the substance of the current effort: staff development, instructional management and career guidance, school management, and evaluation. This report reviews the background, the objectives, and the initial planning for ES '70 which is presented as a cooperative local-state-federal program for the development of a new comprehensive secondary school curriculum and organization providing each student with an individualized education highly relevant to his experience and aspirations and to the adult role which he will play. The experience developed under this program will be available to all school systems. (CH)

VT 008 001 ED 029 111
Technical Education in Ohio's State-Assisted Institutions of Higher Education. Progress Report.

Ohio Board of Regents, Columbus
EDRS PRICE MF-$0.25 HC-$1.95
Pub Date - 68 37p.

*TECHNICAL EDUCATION; *POST SECONDARY EDUCATION; *ASSOCIATE DEGREES; *COMMUNITY COLLEGES; TECHNICAL INSTITUTES; PROGRAM GUIDES; *STANDARDS; STATE COLLEGES
OHIO

Since 1963, 18 campuses have been developed in Ohio at public institutions of higher education offering a 2-year program in technical education. Three additional centers for technical education are being developed. In 1967-69 more than 14,000 students were enrolled in 215 different technical education programs with nearly 2,000 associate degrees earned in the academic year ending June 30, 1968. Supplemented by federal funds over $52 million appropriated by the Ohio General Assembly has been spent for these 2-year campuses. The Ohio Board of Regents and the State Board of Education consider technical education beyond high school an integral part of higher education, and the former has established appropriate standards for curriculum, faculty, and facilities. As funds become available, the Ohio Board of Regents plans to extend the network of technical education centers, to improve the financial support of technical education, and to encourage increased student and employer understanding and acceptance of technical education. (MU)

VT 008 009
Who Is Liable for Pupil Injuries?

National Education Association, Washington, D.C.
National Commission on Safety Education
MF AVAILABLE IN VT-ERIC SET.
National Education Association, 1201 Sixteenth Street, N.W., Washington, D.C. 20036 ($1.25).
Pub Date - Feb63 67p.

*LEGAL RESPONSIBILITY; *SCHOOL SAFETY; *SCHOOL ACCIDENTS; *SAFETY EDUCATION; ACCIDENT PREVENTION; ADMINISTRATOR RESPONSIBILITY; COURT LITIGATION; SCHOOL RESPONSIBILITY; TEACHER RESPONSIBILITY; FIELD TRIPS; SCHOOL SHOPS

School authorities recognize the need for early education in safety and that the schools have been given the responsibility to teach safe living to the young. Because school accidents do arise, two basic questions are raised: what can be done to prevent school accidents, and what are the legal liabilities of the school districts and personnel when pupils are injured. These questions are explored by reviewing civil court cases on the law of negligence and stating the school district's responsibility for injuries to pupils. The responsibility of the administrator and classroom teacher is explained where pupil injury is a result of wrongful conduct of school authorities, school personnel, or the pupils themselves. Several danger spots are explored, with major emphasis on transportation, building and grounds, playground, physical education and sports events, field trips and school patrols. Suggested guidelines for school safety, information about first aid and medical treatment, and insurance and related compensation of injured pupils are included. (GR)

VT 008 026 ED 028 282
Implementation--New Designs for the Challenge of the 1970s (Trade and Industrial Education).

American Vocational Association, Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.05
Pub Date - 68 39p.

SEMINARS; *TRADE AND INDUSTRIAL EDUCATION; PROGRAM DEVELOPMENT; *EDUCATIONAL NEEDS; *PROGRAM PLANNING; PROGRAM IMPROVEMENT; EDUCATIONAL TRENDS; PROGRAM EVALUATION; ADVISORY COMMITTEES; TEACHER RECRUITMENT; LEADERSHIP TRAINING; PUBLIC RELATIONS; EDUCATIONAL COORDINATION; STUDENT PERSONNEL SERVICES; ORGANIZATION

Contained in this document are broad guidelines for implementation of the recommendations made at a conference attended by 22 leaders in trade and industrial education held at Austin, Texas in May, 1967. The recommendations are organized under headings of: (1) Expanded Programs and Services, (2) Organizational Structures for the 1970s, (3) Evaluating Programs, (4) Advisory Committees and Consultating Services, (5) Ways to Obtain Teachers for the 1970's, (6) Developing Leaders, (7) Improving Student Personnel Services, (8) Coordinating the Efforts of Agencies which Provide Education for Work, (9) Cooperation Between Areas of Vocational Education, and (10) Expanding Public Information Services. This document is a companion publication to ED 029 113 (VT 008 027 in this issue). (DM)

VT 008 027 ED 029 113
New Designs for the Challenge of the 1970s.

American Vocational Association,Inc., Washington, D.C.
EDRS PRICE MF-$0.25 HC$-0.85
American Vocational Association, 1510 H Street, N.W., Washington, D.C. 20005 ($.50).
Pub Date - Mar68 15p.

*EDUCATIONAL NEEDS; *PROGRAM PLANNING; *TRADE AND INDUSTRIAL EDUCATION; SEMINARS; EDUCATIONAL CHANGE; EDUCATIONAL TRENDS; OBJECTIVES; PROGRAM IMPROVEMENT; PROGRAM EVALUATION; PROGRAM DEVELOPMENT

A seminar was held in May of 1967 addressed to what trade and industrial education will contribute to America's future. This report is one product of the meeting containing sections on: (1) The Challenge of the 1970s, (2) The Mission, (3) People, Needs, and Programs,(4) Interrelationships, (5) Expanding Horizons, and (6) Conclusions. Some major conclusions were: (1) More attention must be devoted to occupational education at the post-secondary level, (2) Educators must be sensitive to all educational and training needs, (3) Funds and efforts must be coordinated and mutually supportive, (4) Trade and industrial education services must continue as part of the public educational system, (5) Continuous modernizing and expansion of programs, facilities, and services must be accomplished, (6) It is imperative that trade and industrial education work cooperatively with all vocational education services, and (7) Programs must provide for continuing orientation to the world of work. A companion publication is announced as VT 008 026 (also in this issue). (DM)

VT 008 040 ED 033 190
Current Nursing Research Grants Supported by the Division of Nursing.

Public Health Service (DHEW), Washington,D.C. Div. of Nursing
EDRS PRICE MF-$0.25 HC-$0.75
Pub Date - Jan68 13p.

*RESEARCHERS; *GRANTS; HEALTH OCCUPATIONS EDUCATION; PROFESSIONAL EDUCATION; *NURSING; HEALTH SERVICES; *RESEARCH PROJECTS
UNITED STATES PUBLIC HEALTH SERVICE; *USPHS NURSING RESEARCH PROJECT GRANTS; USPHS

The United States Public Health Service Nursing Research Project Grants established in 1955 support studies dealing with all aspects of nursing practice, organization and delivery of nursing services to the patient, nursing as an occupation, and ways of communicating research findings. Intended as a means of sharing information about ongoing nursing research, this document lists research projects funded through July 1967. Grants are listed according to state and information for each includes grant number, investigator, institution, and title of project. (JK)

VT 008 050 ED 029 115
Training the Auxiliary Health Worker; An Analysis of Functions, Training Content, Training Costs, and Facilities.

Public Health Service (DHEW), Washington, D.C. Health Services and Mental Health Administration
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402 (PHS Bulletin 1817, $.30).
Pub Date - May68 36p.

*HEALTH OCCUPATIONS EDUCATION; *ADMINISTRATOR GUIDES; PROGRAM COSTS; *PROGRAM DESCRIPTIONS; *HEALTH OCCUPATIONS; *EDUCATIONAL PROGRAMS; OCCUPATIONAL INFORMATION; PROGRAM DEVELOPMENT; PERSONNEL NEEDS; EDUCATIONAL FACILITIES; PROGRAM CONTENT; PROGRAM LENGTH

The booklet describes what each type of worker is allowed to do and presents an overview of the substantive content of the training, length of training, training costs, and kinds of facilities and staff needed. The types of workers include community health aide, homemaker-home health aide, social worker aide, food service supervisor, physical therapy aide, medical record clerk, nursing assistant, licensed practical nurse (LPN), licensed practical nurse (advanced clinical), licensed practical nurse (public health), operating room technician (post-LPN training), medical aide (inhalation therapy), dental assistant, and purser-pharmacist mate. (JK)

VT 008 054 ED 027 436
Annual Descriptive Report, 1967-68.

Puerto Rico State Dept. of Education, Hato Rey. Area for Vocational and Technical Education
EDRS PRICE MF-$0.50 HC-$3.80
Pub Date - Jun68 74p.

*VOCATIONAL EDUCATION; *ANNUAL REPORTS; *PROGRAM DESCRIPTIONS; *TECHNICAL EDUCATION; OCCUPATIONAL GUIDANCE; YOUTH CLUBS; STUDENT ENROLLMENT; SECONDARY EDUCATION; POST SECONDARY EDUCATION
*PUERTO RICO

Level of person served, occupational field involved, and community within the Commonwealth of Puerto Rico, serve to organize the accomplishments for the year. Expansions and improvements are described for high school and post-secondary students, for employed persons, and those with special needs by each of the following vocational areas: (1) trade and industry, (2) health occupations, (3) office occupations, (4) distribution and marketing, (5) vocational agriculture, and (6) home economics. Activities in strengthening the programs are presented as data concerning the effort of teacher training, vocational guidance, curriculum development, research, and evaluation of programs. The physical facilities for the programs, the work-study programs, legislation, strengths, and unmet needs of the Commonwealth programs are presented from the overall Commonwealth point of view. Additional significant information covers the special programs of Industrial Arts, Manpower Developing and Training, and Hotel School, as well as an accounting of recent promotional efforts, and a listing of publications by vocational area. (MU)

VT 008 062 ED 028 284
Gould, Richard J.
Guide to Funding New Career Programs.

New Careers Development Center, New York, N.Y.
EDRS PRICE MF-$0.50 HC-$4.25
Pub Date - Jul68 83p.

*FINANCIAL SUPPORT; *FEDERAL LEGISLATION; FEDERAL LAWS; MANPOWER DEVELOPMENT; *POVERTY PROGRAMS; WELFARE; VOCATIONAL EDUCATION; PROFESSIONAL EDUCATION; HEALTH; HOUSING; ADMINISTRATIVE AGENCIES; *FEDERAL AID; *ADMINISTRATOR GUIDES
*NEW CAREERS

The guide is intended to provide information relevant to funding authorizations available to the New Careers promoter. The first section presents principles for an effective funding strategy: (1) expanding the support base by innovative examination of legislation, (2) capitalizing on available funding patterns through understanding the new career model's potential for meeting the eligibility criteria of different grant sources, (3) exploring the focus of the program so that it qualifies for funds in one or more human service fields, (4) developing alternative unrelated authorization, (5) building the element of time lag into the funding plan to allow for delays resulting from program and funding negotiations, and (6) developing strategies for operation without supplemental funds including provision for transferring freed and underutilized funds. The second section discusses briefly legislation which was pending as the guide was being prepared. (To keep the compilation current, supplementary issues will be published and the entire guide will be revised periodically). The third section is a legislative summary of funding sources. The fourth section presents selected new careers funding patterns in education, health, housing, "multifield," and welfare. (JK)

VT 008 063 ED 028 285
Guidelines for the Development of Medical Record Technician Programs in Junior Colleges.

American Association of Junior Colleges, Washington, D.C.
Kellogg (W.K.) Foundation, Battle Creek, Mich.
EDRS PRICE MF-$0.25 HC-$0.55
Pub Date - Sep66 9p.

TECHNICAL EDUCATION; CURRICULUM PLANNING; *JUNIOR COLLEGES; COMMUNITY COLLEGES; *HEALTH OCCUPATIONS EDUCATION; ASSOCIATE DEGREES; *MEDICAL RECORD TECHNICIANS; LIBRARY TECHNICIANS; *CURRICULUM; FACULTY; *PROGRAM GUIDES; PROGRAM DEVELOPMENT

Guidelines for the development of the 1-year plus one summer session type program and the 2-year associate degree program are presented under the following headings: (1) Technical Course Content, (2) Faculty, (3) Affiliated Accredited Hospitals, (4) Organization of Program, (5) Curriculum, (6) Recommendations for Non-Technical Courses, (7) Hours for Supervised Learning Experience, (8) Major Considerations, and (9) Suggestions for Planning. The program director should be a Registered Medical Record Librarian. A ratio of one professional faculty member to about each 10 to 12 students is recommended. For the 1-year program, courses are recommended in English, anatomy and physiology, medical terminology, medical record science, typing or secretarial practice, mathematics, machine transcription, and physical education. For the 2-year program, courses are also recommended in psychology, sociology, history, and speech; there is additional work in medical record science and provision for an additional elective course. Directed practice in a hospital medical record department should be included in both types of programs. Outlines of 2-year programs at colleges in California and Minnesota are included. (JK)

VT 008 076 ED 028 287
Elson, Donald E.
Guidelines for Multiple-Teacher Departments of Vocational Agriculture.

Kansas State Board for Vocational Education, Topeka
Kansas Vocational Education Research Coordinating Unit, Topeka
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$0.95 OEG-6-06275-2213 08
BR-6-2725

Pub Date - Jan69 17p.

*VOCATIONAL AGRICULTURE; *GUIDELINES; *VOCATIONAL AGRICULTURE TEACHERS; *EDUCATIONAL COORDINATION; NATIONAL SURVEYS; ADMINISTRATIVE ORGANIZATION; COOPERATIVE TEACHING
*MULTIPLE TEACHER DEPARTMENTS

Opinionnaires obtained from 49 states and Puerto Rico served as a base for development of 22 guidelines to provide information for organizing and assigning the responsibilities of each teacher in a multiple-teacher vocational agriculture department. Increased emphasis on agricultural occupation programs, adult farmer programs, and the unification of small rural high schools resulting in increased concentration of students have resulted in expansion of programs being offered. The five areas of the guidelines are: (1) justification for an additional teacher, (2) administration of the multiple-teacher department, (3) teacher responsibilities with the department, (4) Future Farmers of America (FFA), and (5) facilities for the department. Supplementary information includes a selected bibliography, the basis for guidelines development, and the form used for the opinionnaire. (DM)

VT 008 080 ED 029 118
The Manpower Development Council, State of Iowa. Final Report.

Iowa State Manpower Development Council, Des Moines
Iowa State Univ. of Science and Technology, Ames. Industrial Relations Center
Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$7.65
Pub Date - 68 151p.

*MANPOWER DEVELOPMENT; *PROGRAM DESCRIPTIONS; EXPERIMENTAL PROGRAMS; FEDERAL STATE RELATIONSHIP; PROGRAM EVALUATION; PROGRAM DEVELOPMENT; DEMONSTRATION PROGRAMS; *STATE AGENCIES; PROGRAM COORDINATION; *INTERAGENCY COORDINATION; *AGENCY ROLE; PROGRAM ADMINISTRATION
*IOWA STATE MANPOWER DEVELOPMENT COUNCIL; MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS

The Iowa State Manpower Development Council was established as an experiment in local coordination of federal, state and community manpower programs. Shifts in the occupational and industrial attachment of workers and heavy out-migrations of workers from rural to urban areas underscored the importance of human resource development. The major goal of the Council was to develop an active, cohesive and comprehensive system of human resource development through the five functions of coordination, technical assistance, liaison, information, and innovation. Some major activities promoted by the Council were: (1) surveys of manpower needs and resources, (2) youth programs, (3) mobility projects, (4) institutional training programs, (5) on-the-job training programs, (6) older worker programs, (7) community action programs, (8) physical, mental and social handicapped prevocational counseling centers, and (9) job vacancy survey. The organization of the Council includes the three major divisions to handle Experimental and Demonstration Programs, Program Development and Technical Assistance, and Human Resources Planning. The narrative contains a discussion of the experimental and demonstration programs conducted, programs developed, utilization of the Council, and a review and evaluation. (DM)

VT 008 461
Coordinated Home Care Training Manual.

Michigan Univ., Ann Arbor. Home Care Training Center
Visiting Nurse Association, Mich.
Public Health Service (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$5.55
Home Care Training Program, 109 Observatory, University of Michigan, Ann Arbor, Michigan 48104 ($2.00).
Pub Date - 66 109p.

*PROGRAM GUIDES; *COMMUNITY HEALTH SERVICES; *HOME PROGRAMS; *PROGRAM ADMINISTRATION; *PROGRAM PLANNING; PROGRAM DEVELOPMENT; *HEALTH OCCUPATIONS EDUCATION; COMPANIONS (OCCUPATION); MEDICAL SERVICES; HEALTH SERVICES; NURSING; SOCIAL WORK; PHYSICAL THERAPY; DIETETICS; SPEECH THERAPY; OCCUPATIONAL THERAPY; VISITING HOMEMAKERS; DENTISTRY

This manual is intended as a source of information and assistance in the planning, organization, implementation, and evaluation of home care programs. There are ten major sections: (1) Introduction (review of the history of home care and definition of pertinent terms), (2) Program Planning, (3) Organizational Structure, (4) Coordination and Administration of Home Care Services, (5) Home Care Services (discussion of medical, nursing, social work, physical therapy, nutrition, occupational therapy, speech therapy, dental, home health aide, and homemaker services), (6) Additional Home Care Services (discussion of education, friendly visitor, meals, transportation, podiatry, psychology, recreational therapy, and work at-home program services, (7) Planning Patient Care, (8) Financing Coordinated Home Care, (9) Records, and (10) Evaluation. Appendixes include information regarding (1) training courses, (2) resources for training materials and consultation, (3) field trips, and (4) evaluation of training courses. (JK)

VT 008 666
Diversified Metals Occupations. Final Report.

Illinois State Board of Vocational Education and Rehabilitation, Springfield. Vocational and Technical Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Apr69 24p.

*PROGRAM DESCRIPTIONS; *METAL WORKING OCCUPATIONS; PROGRAM EVALUATION; *CURRICULUM; *TRADE AND INDUSTRIAL EDUCATION; *PROGRAM DEVELOPMENT; PROJECT TRAINING METHODS; OCCUPATIONAL CLUSTERS
ILLINOIS

This appraisal of a pilot study includes: (1) Introduction, (2) Organization, (3) Program Operation, (4) Evaluation Procedures, (5) Statistical Data, (6) Recommendations, and (7) Appendixes. The pilot program was conceived as a 2-year course, meeting a minimum of 550 minutes per week, 36 weeks per year, for a 3-year pilot study period. Major objectives of the diversified metals occupations program are: (1) to provide students with transferable skills for employment, (2) to provide students with competencies needed for a job cluster, (3) to cause an awareness of the broad skills and knowledge in metals, (4) to determine if a 2-year secondary level program is feasible, and (5) to provide an opportunity for vocational programs in schools of limited enrollment. Seventeen schools participated in the study. It was recommended that this program be approved as a regular vocational offering in trade and industrial occupations for Illinois high schools under the conditions as set forth by the Trade and Industrial Division of the State Board of Vocational Education and Rehabilitation. (GR)

VT 009 085 ED 032 417
Program, Planning, Budgeting Systems for Educators. Volume I: An Instructional Outline. Leadership 18.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
EDRS PRICE MF-$1.25 HC-$14.05
The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 ($4.00).
Pub Date - 69 279p.

*COST EFFECTIVENESS; *VOCATIONAL EDUCATION; *PROGRAM PLANNING; *CURRICULUM GUIDES; *SYSTEMS APPROACH; PROGRAM BUDGETING; PROGRAM COSTS; RESOURCE ALLOCATIONS; TEACHING GUIDES; MODELS; EDUCATIONAL ECONOMICS; SUPPLEMENTARY TEXTBOOKS; STATISTICAL ANALYSIS; TRANSPARENCIES; ILLUSTRATIONS
*PLANNING PROGRAMMING BUDGETING SYSTEM; PPBS

Planning, Programming, Budgeting System (PPBS) includes concepts and techniques for resource allocation decision making for rational and effective programming. Most federal agencies use PPBS for the development, analysis and presentation of resource needs. Traditional methods of budgeting focus primarily on resource inputs; PPBS focuses on both inputs (cost) and outputs (benefits). The guidelines in this volume suggest initial training in a sequential pattern for a course in PPBS. Examples used are drawn from the field of vocational education. Included in the instructional outline are sections relating to: (1) Overview, (2) Systems Theory, (3) The Planning Process, (4) Investment Alternatives, (5) Program Budgeting, (6) Analysis of Alternatives, (7) Programming and Management Control, (8) Basic Data for PPBS, and (9) Limitations of PPBS. The document contains three parts: The What-When-Where-Who-Why of This Educational Program, An Educational Training Program in PPBS, and Supplement to the Basic Educational Program. The supplements include pre- and post-tests, a conceptual framework, the relationship of education and economics, and methods of statistical analysis in PPBS. A case problem is announced as ED 032 418 (VT 009 089, in this issue). (DM)

VT 009 089 ED 032 418
McGivney, Joseph H.; Nelson, William C.
Program, Planning, Budgeting Systems for Educators. Volume II: A Case Problem. Final Report. Leadership 19.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$8.35 OEG-3-7-000158-2037 08
BR-7-0158
The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 ($3.50).
Pub Date - Aug69 165p.

*COST EFFECTIVENESS; *VOCATIONAL EDUCATION; *PROGRAM PLANNING; *SIMULATION; *CASE STUDIES (EDUCATION); PROGRAM BUDGETING; PROGRAM COSTS; RESOURCE ALLOCATIONS; EDUCATIONAL ECONOMICS; PROBLEM SOLVING
*PLANNING PROGRAMMING BUDGETING SYSTEM; PPBS

This case problem is designed for use by planning, budgeting, or administrative personnel in state or regional vocational educational organizations. The problem involves planning, programming, and budgeting which is best accomplished in small group settings. Each small group should ideally consist of persons with a variety of duties and responsibilities. The faculty of the formal training institute which utilizes this material could be familiar with planning, programming, budgeting systems (PPBS) and the situational context of the participants. The problem is organized as eight sequential steps which are correlated with the instructional outline in ED 032 417 (VT 009 085, in this issue): (1) Analysis of Traditional Budget, (2) Manpower Needs, (3) Program Structure, (4) Achievement of Objectives, (5) Estimation of Costs, (6) Estimation of Benefits, (7) Program Budget, and (8) Evaluation of Program Budget and PPBS. The estimated time required to complete each step is provided. Each small group should have a calculator, an adding machine, a typewriter, a few basic references and sufficient space to facilitate the work. Some secretarial services would be desirable and duplicating facilities are necessary. (DM)

VT 009 241 ED 032 423
Associate Degree Education for Nursing.

National League for Nursing, New York, N.Y. Dept. of Associate Degree Programs
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($.25).
Pub Date - 69 7p.

HEALTH OCCUPATIONS EDUCATION; COMMUNITY COLLEGES; JUNIOR COLLEGES; *NURSING; CERTIFICATION; *TECHNICAL EDUCATION; *ASSOCIATE DEGREES; ACCREDITATION (INSTITUTIONS); *PROGRAM DESCRIPTIONS; *EDUCATIONAL GUIDANCE
NATIONAL LEAGUE FOR NURSING; NLN

Although there are variations, some features are characteristic of associate degree programs in nursing: (1) The majority are conducted by public junior or community colleges, (2) Program length is 2 academic to 2 calendar years, (3) Nursing theory is combined with college-level general education courses, (4) Students must meet college and nursing program admission requirements, (5) Costs and living arrangements are comparable to those for students in other curriculums, and (6) The purpose of the program is to prepare registered nurses to give patient-centered nursing care in beginning general duty positions, usually in hospitals. Prepared to assist prospective applicants and others interested in nursing education, this publication discusses admission requirements, licensure, and program accreditation. Two hundred and ninety-two state approved programs are listed, and 66 programs also accredited by the National League for Nursing are indicated. (JK)

VT 010 174
Wenrich, Ralph C.
What Research Has to Say On: Organization and Administration of Vocational and Technical Education.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - 6Dec69 45p.; Presentation made at the Annual American Vocational Association Convention (63rd, Boston, Massachusetts, Dec. 6-9, 1969).

*SPEECHES; *LITERATURE REVIEWS; VOCATIONAL EDUCATION; TECHNICAL EDUCATION; *EDUCATIONAL ADMINISTRATION; POLICY FORMATION; ADMINISTRATIVE ORGANIZATION; PROGRAM PLANNING; PERSONNEL; FINANCIAL SUPPORT; PROGRAM EVALUATION; SCHOOL INDUSTRY RELATIONSHIP; STATE DEPARTMENTS OF EDUCATION; *RESEARCH REVIEWS (PUBLICATIONS) *ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

On the basis of work done in the preparation of "Review and Synthesis of Research in Administration of Vocational and Technical Education" (Ohio State University, Columbus, Center for Vocational and Technical Education, 1970, available as VT 010 173), the author reviews and critiques research on administration in vocational education. Major topics are: (1) policy-making and long-range planning, (2) the role of the states, (3) program planning, (4) organizing for administration, (5) staffing vocational and technical programs, (6) financing vocational education, (7) evaluating vocational education, and (8) school-community relations. The author states that what research has to say about administration of vocational education is disappointing, but he points out the following reasons for optimism: (1) Vocational educators are developing competence in research and the right questions are being asked, (2) The competence of people in related disciplines is being used, and (3) Some larger institutions are assembling clusters of people as an interdisciplinary basis to tackle complex questions which need to be researched. Directions for the future must include a research based upon what is known about organization and administration in general with specific applications to problems of vocational and technical education. (JK)

VT 010 298
Abstracts of Papers Reporting on Development Projects in Vocational-Technical Education.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 11p.; Speech presented to the Research Section, New and Related Services Div., American Vocational Association (Boston, Mass., Dec. 5-10, 1969).

*VOCATIONAL EDUCATION; RESEARCH PROJECTS; *INFORMATION RETRIEVAL; *INFORMATION DISSEMINATION; *EDUCATIONAL RESEARCH; EXPERIMENTAL CURRICULUM; *COMPUTER SCIENCE; COMPUTER STORAGE DEVICES *ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

These seven reports on developmental projects in vocational and technical education were chosen from a much larger number of papers submitted in response to a call for papers published in various journals. They were primarily selected for their excellent quality and the importance of their themes or problem areas to the profession. They include: (1) "Industrial Arts Curriculum Project: A Progress Report" by H.J. Sredl, (2) "Interim Report on Graduates of the American Industry Secondary School Courses" by O. Nelson, (3) "Progress Report on the Development and Evaluation of an Experimental Curriculum for the New Quincy (Mass.) Vocational-Technical School" by J.W. Ullery, (4) "Development and Utilization of a Computerized Information Retrieval System for the ERIC Information System" by R.C. Evans, Jr., and W.J. Brown, (5) "Project Dissemination: A Computer Based Information Retrieval System" by Smith, Wheeler, and Rosse, (6) "A Pilot Program for the Development of State Vocational-Technical Education Information Dissemination Systems" by J. Magisos, and (7) "The VOED Systems: a Computerized System for Obtaining, Analyzing, and Reporting Vocational and Occupational Education" by D.H. Ahl. (CD)

VT 010 432
Tucker, Dwayne, And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association, (63rd, Boston, Massachusetts, December 6-8, 1969).

American Vocational Association, Washington, D.C. Distributive Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 64p.

*DISTRIBUTIVE EDUCATION; *SPEECHES; *CONFERENCES; *VOCATIONAL EDUCATION *ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This group of documents is comprised of five speeches presented before the 1969 Convention of the American Vocational Association. The first speech by Dwayne Tucker reviewed the proceedings of the Third Adult Distributive Education Conference at Memphis, Tennessee which surveyed ways to implement legislation provisions relating to distributive education and to identify possible solutions for adult distributive education services. A second speech by Mary V. Marks discussed "New Directions for Distributive Education and What We Must Do." A presentation by Maurice E. Wilson was on "Cooperative Vocational Education Programs in Dade County Public Schools." Paul J. Hartman analyzed problems of recruitment and development of part-time instructors. The last speech by Laura, H.Murphy was concerned with an "Action Oriented Curriculum in Advertising." This report included suggestions for use of learning guides and discussion of a task-oriented curriculum. (BC)

VT 010 434
Rowe, Harold, And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 6-7, 1969).

American Vocational Association, Washington, D.C. Health Occupations Section
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 39p.

*SPEECHES; NATIONAL SURVEYS; *TEACHER WORKSHOPS; *HEALTH OCCUPATIONS EDUCATION; *VOCATIONAL EDUCATION; *INSTRUCTIONAL TECHNOLOGY; INDIVIDUAL INSTRUCTION; SCHOOL INDUSTRY RELATIONSHIP *ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969); AMERICAN VOCATIONAL ASSOCIATION HEALTH OCCUPATIONS EDUCATION DIVISION; INDIVIDUALLY PRESCRIBED INSTRUCTION

Three papers presented at the meeting of the Health Occupations Education Division are included in this group. "Report on the Center's Study of Problems of Health Occupations Education," by Harold Rowe described: (1) the national poll undertaken by the Center for Vocational and Technical Education, Ohio State University, to identify problems in the area of education for the health occupations as perceived by state departments of vocational education and voluntary organizations, and (2) the subsequent 2-day invitational seminar which considered the problems identified and made recommendations for their solutions. "Short-Term Teacher Education Programs for Health Occupations Instructional Personnel in Oregon," by Joan E. Stoddard discusses short-term teacher education programs planned for secondary school personnel, community college personnel, and all personnel involved in health occupations education. "Curriculum Crisis--Occupational Readiness, What Can Be Done to Meet the Need," by Edward Hochhauser discusses the need for individualized instruction, the values of audio-visual aids, the importance of breaking down barriers between subject areas and building integrated curriculums, the importance of occupational readiness courses at the elementary and secondary levels, and the necessity of continuing communication among all concerned with occupational education. (JK)

VT 010 440
Hertzfeld, Arthur, And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 6-9, 1969).

American Vocational Association, Washington, D.C. Business and Office Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 105p.

*SPEECHES; *BUSINESS EDUCATION; *OFFICE OCCUPATIONS EDUCATION; WORK STUDY PROGRAMS; WORKING WOMEN; COOPERATIVE EDUCATION; MULTIMEDIA INSTRUCTION; OFFICE MACHINES; FLEXIBLE SCHEDULING; EDUCATIONAL TRENDS; TEACHER EDUCATION; SECONDARY EDUCATION; POST SECONDARY EDUCATION
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

Speeches presented at the business and office education division of the 63rd Annual Vocational Convention include "The Work-Study Programs in Philadelphia," by Arthur Hertzfeld, "The Vocational Needs of Women and Girls""Their Relationship to Public Law 90-576," by Chrystine Ramsey Shack, "Comparisons and Synthesis," by Dorothy C. Grovom, "An Overview of C.O.E.," by John D. Lee, "Multi Media Instructional Systems Approach for Teaching Shorthand and Typewriting," by Marianne Icenogle, "Meeting the Challenge of Change in Office Machines Instruction," by Mary M. Brady, "Flexible Modular Scheduling," by Julian Demeo, Jr., "Flexible Modular Scheduling," by Douglas W. Hawkins, "Status 69", by Bruce I. Backstone, "Reaction to Paper on Challenges and Guidelines in Vocational Office Teacher Education," by Immanuel H. Leschensky, "Business Data Processing in Secondary or Post-Secondary Curriculums--Success or Failure?" by Arthur V. Morley, and "Secondary School Vocational Programs: Key Punch, Unit Record and Computer Programing," by Robert E. Davenport. (CH)

VT 010 441
Arnold, Joseph P., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 6, 1969).

American Vocational Association, Washington, D.C. Technical Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 44p.

*TECHNICAL EDUCATION; *VOCATIONAL EDUCATION; *SPEECHES; *CONFERENCES; *DIFFERENTIATED STAFFS; DISTRIBUTIVE EDUCATION; RESEARCH; HEALTH OCCUPATIONS; SUBPROFESSIONALS
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This group of addresses given at the 63rd Annual Vocational Convention, Technical Education Division of the American Vocational Association includes: (1) "Implications of Differentiated Staffing for Administration of Vocational-Technical Education Programs" by J.P. Arnold, (2) "Research in Technical Education" by D.S. Phillips and L.D. Briggs, (3) "Business Reacts to Distributive Education at the Post Secondary Level"by B.H. Shelton, and (4) "The Importance and Need for Training of Sub-Professionals in Health Occupations Education" by D.B. Hoover. (GR)

VT 010 443
Childers, B.E., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 7, 1969).

American Vocational Association, Washington, D.C. Technical Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec65 35p.

*TECHNICAL EDUCATION; *SPEECHES; *CONFERENCES; *INDUSTRIAL TECHNOLOGY; INDUSTRIAL EDUCATION; *PROGRAM DESCRIPTIONS
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This grouping of addresses given at the 63rd Annual Vocational Convention, Technical Education Division of the American Vocational Association includes: (1) "A Plan for Development of Regional Standards for Occupational Education" by B.E. Childers, (2) "Curricula in Four-Year Engineering Technology Programs" by R.H. Creamer, and (3) "Four-Year Engineering Technology: Its Status and Need" by J.V. Ankeney. (GR)

VT 010 445
Redding, E.D., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 8-9, 1969).

American Vocational Association, Washington, D.C. Supervision and Administration Dept.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 16p.

*SPEECHES; *CONFERENCES; *VOCATIONAL EDUCATION; *DIFFERENTIATED STAFFS; INSTRUCTIONAL STAFF; ADVISORY COMMITTEES
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

Two speeches presented at the American Vocational Association Conference are grouped. The first, by Gene Bottoms, discusses the concept of differentiated staffing, defined as a plan for recruitment, preparation, induction, and continuous education of staff personnel, and examines the advantages, the potential for vocational education, and a model for a post-secondary vocational education school. In addition, potentials for other areas of vocational education, a bibliography, and model diagram are included. The second is an abstract and outline of a speech describing the history and formation of the Advisory Council for Technical Vocational Education in Texas. The state council was organized in 1967 with representatives from business and industry, educational institutions, and labor groups. In 1969 the Council was reorganized by legislature act to include 21 citizens from across the state. (BC)

VT 010 449
Nerden, Joseph T., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 6, 1969).

National Association of State Directors of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 24p.

*CONFERENCES; *VOCATIONAL EDUCATION; *SPEECHES; *PROGRAM EVALUATION; *PROGRAM DEVELOPMENT
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This report includes two speeches presented before the American Vocational Association. One speech by Joseph T. Nerden concerned "Planning for the Evaluation of Vocational Education." He introduced several questions which should be used in evaluating a vocational education program. These were why, what, whom, and how should the evaluation be done? In addition he suggested 5 steps which should be followed by a state director of vocational education in measuring the achievements of a state program. The second presentation by B.E. Childers, was a status report on the development of an occupational education program by the Southern Association of Colleges and Schools. Mr. Childers made suggestions for the organization of such a program and described the functions of the executive group, business advisory group, and staff, and the financial institutional affiliation, and organizational structure. (BC)

VT 010 452
Bottoms, Gene
State Staff Requirements for Evaluation in Vocational-Technical Education.

American Vocational Association, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 9Dec69 10p.; Speech Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Mass., Dec. 9, 1969).

*EVALUATION; *STATE PROGRAMS; *VOCATIONAL EDUCATION; *SPEECHES
STAFF REQUIREMENTS; *ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

With the increased emphasis placed on education and the recognition that it holds the key to progress, education has increased in priority and there is a great deal of interest in how funds are being spent. In order to be most effective in directing, designing, analyzing, and evaluating vocational-technical education programs, the evaluator should have content knowledge of vocational education and should be located with the Vocational Education Division. These personnel may not be available and may have to be developed. In addition, sufficient resources for staff aid program operations will be required. If such a program is implemented, the state will be better able to offer its citizens equal opportunity for the best quality of education, insure equal results, and assure that the resources of the state are being used to their fullest. (BC)

VT 010 453
Williams, Joyce Wolfgang, And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 6-9, 1969).

American Vocational Association, Washington, D.C. Home Economics Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 67p.

*SPEECHES; *HOME ECONOMICS EDUCATION; *VOCATIONAL EDUCATION; *CONFERENCES
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

Three speeches concerning home economics education were delivered at the 1969 convention of the American Vocational Association. "Research People and/or Community Resources--An Approach to Working in the Classroom" by Adeline Garner Shell discusses how to select resource personnel and to develop an appropriate program for the classroom. "Economic Concepts of Pupils, Grades 1-12," by Joyce Williams reports on three research studies to identify the concepts children have about money, as a basis for planning a curriculum in consumer education. The speech by Dr. Polly Garrett discusses the task of "Accounting for Action via Vocational Home Economics Education in the '70's," and includes material on needs (problems), goals and objectives, alternatives, rationale and justification programs, and evaluation. A checklist for enrollments and completions in vocational education programs is included. (BC)

VT 010 454
McDowell, Donald N., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 6-9, 1969).

American Vocational Association, Washington, D.C. Agricultural Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 31p.

*SPEECHES; *CONFERENCES; *AGRICULTURAL EDUCATION; *VOCATIONAL EDUCATION
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This abstract is a review of four speeches presented at the 63rd American Vocational Association Convention on agricultural education. Donald N. McDowell spoke on "What Now for Vo. Ag. and FFA." Donald M. Robinson and Ivan R. Yost presented a paper on "Educational Opportunities Available to Farms Through Young Adults Farm Education Programs." A third speech was a report by James Wall, Executive Secretary of the Convention. The last speech by Dr. Phillip Alampi, Secretary of Agriculture for the State of New Jersey, reviewed the tasks of today's vocational agriculture instructor, and discussed some of the activities of the State Departments of Agriculture regarding vocational agriculture education. (BC)

VT 010 455
Mitchell, Martin L., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 7, 8, 9, 10, 1969).

American Vocational Association, Washington, D.C. Agricultural Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 57p.

*SPEECHES; *VOCATIONAL EDUCATION; *CONFERENCES; *AGRICULTURAL EDUCATION; *EDUCATIONAL ADMINISTRATION
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

Several speeches given in the agricultural division of the American Vocational Convention are grouped in this document. They include: (1) "Preparing Students for Jobs in the Outdoor Recreation Industry in New Hampshire" by Martin L. Mitchell, (2) "Training for Landscape, Nursery, and Greenhouse Jobs" by George E. Yetman, (3) "Spotlight on New England--A Coordinated Teacher Education Program" by Gerald R. Fuller, (4) "Forest Science and Harvesting in Maine" by Alton G. Bridges, (5) "Programs for Disadvantaged Students in Agricultural Education in Virginia" by C.B. Jeter, (6) "How Our Regional Vocational Agricultural Centers Are Working Out," by Llewellyn L. Turner, (7) "An Experimental Evaluation of Approaches to Preparing High School Students for Off-Farm Agricultural Occupations" by James T. Horner, (8) "Revising the Teacher Education Program to Meet Modern Needs" by Floyd G. McCormick, (9) "An Interstate Investigation of Employment Opportunities and Educational Requirements for Jobs in Outdoor Recreation" by Willima H. Annis and Richard Floyd, Jr., and two speeches on "Planning and Operating a Vocational Agriculture Program in a Regional Center" by Frank Roberts and Roger W. Lawrence. (BC)

VT 010 456
Amberson, Max L., And Others
An Assessment of Administrative Problems in Teacher Education in Agriculture.

American Association of Teacher Educators in Agriculture, St. Paul, Minn.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 19p.; Speech presented at the Annual American Vocational Association Convention (63rd, Boston, Mass., Dec. 6, 1969).

*ADMINISTRATIVE PROBLEMS; *AGRICULTURE; *TEACHER EDUCATION; *EVALUATION; QUESTIONNAIRES; TABLES (DATA); CHARTS
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

To study the problems associated with the reimbursement of teacher education programs in agriculture with Federal and state vocational funds, a committee was appointed by The American Association of Teacher Educators in Agriculture. A survey instrument was developed, tested and mailed to head teacher educators at 77 institutions which offered programs in agricultural education. Three-fourths of the instructors returned the survey forms. University funding was the most frequently listed source of money for teacher education; second most frequent was the State and Federal Vocational Acts. From 1962-68 there was an increase of 43 percent in funds supplied by Federal and State agencies. The committee made several recommendations, one of which was that a committee be appointed to conduct a review of the policies and procedures of funding teacher education programs in agriculture. (BC)

CURRICULUM
SECTION

VT 001 029
Steps in Curriculum Construction.

Bucks County Technical School, Bristol, Pa.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 65 17p.

*GUIDELINES; *PROGRAM DEVELOPMENT; *COURSE ORGANIZATION; *CURRICULUM GUIDES; COURSE CONTENT; TECHNICAL EDUCATION

This bulletin presents procedures and format styles for preparing a course of study. The necessary parts of the course of study are given with explanations for preparing each. These parts are (1) title page, (2) foreward or introduction, (3) table of contents, (4) statement of educational philosophy, (5) objectives, (6) conditions under which instructional materials will be used, (7) analysis to determine training content, (8) content to meet the specified objectives, (9) course outline, (10) overall pattern of instructional materials, and (11) resource material for content. Representative forms are given for the assignment sheet, information sheet, job sheet, lesson plan, and operation sheet. (HC)

VT 001 036
Garrett, Pauline G.
Student Evaluation of Home Economics Programs at the Secondary Level When Courses are General and Specialized.

Missouri Univ., Columbia. Dept. of Home Economics Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - nd 91p.

*HOME ECONOMICS EDUCATION; *CURRICULUM RESEARCH; HIGH SCHOOL STUDENTS; VALUES; *STUDENT ATTITUDES; COURSE CONTENT; *PROGRAM EVALUATION; QUESTIONNAIRES
MISSOURI

The Missouri portion of a five-state study of the differences in the values attributed to general and specialized courses of instruction by 403 high school home economics students in four schools with matched facilities, community size and type, and socio-economic levels is reported. Topics investigated were (1) the extent of election, (2) academic competency, (3) socio-economic status, (4) attitudes of senior girls toward home economics learnings, and (5) differences attributed to program type, and the amount of home economics taken. Findings were: (1) general programs attracted more students than specialized, (2) after the second level, enrollment increased in general, and decreased in the special programs, (3) girls from high socio-economic groups selected less home economics than those from low, (4) attitudes toward help received were almost identical at the first and third level of homemaking for both the students with mothers working and not working, (5) more low than high ability students elect some home economics, (6) special program seniors sought more help than those in the general program, and (7) as the amount of homemaking increases, student plans for college sharply decrease. The study implies that if students are to be encouraged to take more home economics, then learning must be more clearly differentiated and changes made to accommodate unmet needs. Charts and graphs illustrate the data. (FP)

VT 001 254
Carlson, William D.; Lepak, Joseph W.
A Study of the Needs for Radiological Technicians and Recommended Curricula for Training Radiological Technicians. Final Report.

Nevada Univ., Southern Regional Div., Las Vegas
Public Health Service (DHEW), Washington, D.C. Div. of Radiological Health
MF AVAILABLE IN VT-ERIC SET. SAph 78542
Pub Date - 14Jun63 86p.

CURRICULUM; QUESTIONNAIRES; POST SECONDARY EDUCATION; *EDUCATIONAL NEEDS; *EMPLOYMENT PROJECTONS; EMPLOYMENT QUALIFICATIONS; *CURRICULUM DEVELOPMENT; *HEALTH OCCUPATIONS EDUCATION; CURRICULUM RESEARCH; *RADIOLOGIC TECHNOLOGISTS

The objectives of the report were: (1) to determine the feasibility of training for radiological personnel, and (2) to develop a curriculum for that program at the university level. Following a pilot study, questionnaires were mailed by 153 persons engaged in the field of radiation in industry, universities, and government. On the basis of 88 completed and returned questionnaires, it was concluded that a need for training technicians existed, and a tentative curricular proposal was presented to selected respondents in five western states in open-ended interviews. Acting as knowledgeable experts, they evaluated the proposed curriculum and recommended that general training programs for technicians should include: (1) instruction in basic areas of physics, chemistry, mathematics, and biology, (2) instruction in instrumentation, and (3) on-the-job training experience, with different levels of training to meet needs of different levels of technicians. In view of the lack of agreement as to what constitutes a radiological technician, and of the divergence of opinion as to the levels of performance and responsibilities expected, it was recommended that further study be made to develop suitable definitions and job descriptions, perhaps at three levels of performance and responsibility. (JK)

VT 002 367
Coates, Margaret D.
A Follow-Up Study of Selected Graduates from the 1962-1965 Classes of the Pocono Mountains Jr.-Sr. High School to Evaluate the Need for Business Training in Attaining Job Satisfaction.

Pocono Mountain Junior-Senior High School, Swiftwater, Pa.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun66 57p.

*GRADUATE SURVEYS; BUSINESS EDUCATION; *HIGH SCHOOL GRADUATES; BUSINESS SUBJECTS; *EMPLOYMENT POTENTIAL; VOCATIONAL EDUCATION; *CURRICULUM EVALUATION; HIGH SCHOOL CURRICULUM; STUDENT ATTITUDES; QUESTIONNAIRES; *JOB SATISFACTION; EDUCATIONAL EXPERIENCE; EMPLOYMENT EXPERIENCE; VOCATIONAL ADJUSTMENT
POCONO TOWNSHIP HIGH SCHOOL; TANNERSVILLE; PENNSYLVANIA

The purpose of this study was to determine (1) whether the 43 percent of graduates of the Pocono Mountain Junior-Senior High School for the years 1962-1965 who were not enrolled in a regular business course and did not go on to college would have derived greater job satisfaction if they had taken business subjects in high school, (2) which business subjects would have been of most value to the respondents, and (3) the reasons for non-election of such courses while attending high school. A questionnaire was mailed to 193 graduates with a

64 percent (125 students) return. The study revealed that almost half of the female graduates would find business subjects helpful in their present positions, but only a small percentage of the male respondents would find them valuable. Some female graduates (44 percent of employed females) have been able to find office employment as a result of the few business subjects they elected. Typewriting, shorthand, and bookkeeping were the three subjects that most students consider to be most helpful in getting a satisfactory position. (CH)

VT 002 724
Sloan, Sue Katherine
Identification of Clusters of Items Relating to Personal and Home Life Values of Men.

Iowa State Dept. of Public Instruction, Des Moines. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 79p.

FAMILY RELATIONSHIP; INTERPERSONAL RELATIONSHIP; *MALES; *PERSONAL VALUES; *BEHAVIOR RATING SCALES; MASTERS THESES; *FAMILY LIFE; HOME ECONOMICS EDUCATION; *CURRICULUM DEVELOPMENT

The objective of the study was to initiate development of an inventory to identify personal and home life values of men. The methodology involved obtaining 366 behavioral items believed to reflect eight personal and home life values: concern for others, economy, education, family life, friendship, health, status, and work efficiency. A form incorporating these items was administered to 30 men who were asked to indicate on a scale from 1 to 99 how socially desirable in other men they believed each behavior to be. Data were used to compute social desirability and ambiguity indexes. Eighty selected items (10 from each value group) were placed in a form and administered to 225 men who were asked to rate on the scale how certain they were that they would behave in the manner described in each item. The data were used to intercorrelate the items in order to identify item clusters, and socially desirable behaviors were identified. The study demonstrated the need for additional consideration of item choice to reflect behaviors from broader income, occupational, and educational range, to include means other than responses to behavioral terms, and to improve inventory directions. Inventory forms and a statistical analysis of the data are included. This M.S. thesis was submitted to Iowa State University. (FP)

VT 002 756
Follow-Up Study of Selected Vocational Programs, Foothill College.

Foothill Coll., Los Altos Hills, Calif.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Oct66 49p.

*FOLLOWUP STUDIES; *JUNIOR COLLEGES; *VOCATIONAL EDUCATION; *CURRICULUM EVALUATION; EMPLOYMENT POTENTIAL; JOB TRAINING

Seven vocational programs were evaluated to obtain information for revision and updating the curriculum and to insure that instruction would approximate actual conditions in the working world. They were: accounting, dental assisting, design drafting, law enforcement, nursing, secretarial, and tool design. Questionnaires were sent to 629 former students and follow-up post cards to non-respondents. Two hundred-one or 31.9 percent were usable and all statistics for the report are based on these returns. Some of the results were: (1) 75 percent were employed full time, 10.9 percent part time, and 1.5 percent were unemployed, (2) 91.5 percent were satisfied with their major and the level of instruction in their major, (3) The main reason for incompletion of the Associate in Arts degree was that major courses were sufficient for employment, (4) Most vocational students did not have time for extra-curricular activities, (5) The top three general education courses that should receive more emphasis were English, Speech, and Psychology, and (6) Respondents felt their present positions were about what was expected or better. The follow-up study is intended to be continued yearly to include 20 percent of the vocational offerings. (MM)

VT 002 861
Face, Wesley L.; Flug, Eugene R. F.
The Establishment of American Industry as a Transitional Subject between General and Vocational Education, Developmental and Pilot Program Proposal.

Stout State Univ., Menomonie, Wis.
MF AVAILABLE IN VT-ERIC SET. OEC-5-85-060
Pub Date - 26Feb65 45p.

*INDUSTRY; CONCEPT TEACHING; *RESEARCH PROPOSALS; *CURRICULUM DEVELOPMENT; PILOT PROJECTS; INSTRUCTIONAL MATERIALS; *PROGRAM DEVELOPMENT; INSERVICE TEACHER EDUCATION; PROGRAM EVALUATION; *INDUSTRIAL ARTS; *EXPERIMENTAL PROGRAMS
*AMERICAN INDUSTRY PROJECT

The articulation between general education and vocational education has been a major problem in the secondary schools. A recent curriculum innovation, "American Industry," is aimed at replacing industrial arts in the secondary schools and providing this transition between general and vocational education. American Industry is based on the approach that concentrating upon acquiring concepts, rather than emphasizing specifics, enhances the possibility of retention, transfer, and application of knowledge to new and different situations. A U.S. Office of Education grant financed the program through the initial planning stages. Concurrently, 10 selected industrial arts teachers were trained to field test the program and the Ford Foundation supported the field study. The specific objectives of this proposal are to (1) complete the development of the American Industry curriculum at three levels leading into vocational preparation, (2) establish at Stout State University a resource center for the curriculum, (3) complete the preparation of teaching materials for the curriculum, (4) continue a series of institutes for preparing inservice teachers, (5) conduct a pilot teacher education program, and (6) promote research on related problems. A bibliography and a diagram of the curriculum developmental plan are included. (HC)

VT 005 973 ED 032 383
Crawford, Lucy C.
A Competency Pattern Approach to Curriculum Construction in Distributive Teacher Education. Final Report, Vol. 1.

Virginia Polytechnic Inst., Blacksburg
Office of Education (DHEW), Washington, D.C. Bureau of Research

EDRS PRICE MF-$1.50 HC-$17.50 OEG-6-85-044
Pub Date - 31Dec67 348p.

*DISTRIBUTIVE EDUCATION; *TEACHER EDUCATION; CURRICULUM DEVELOPMENT; JOB SKILLS; *DISTRIBUTIVE EDUCATION TEACHERS; TEACHING SKILLS; INSTRUCTOR COORDINATORS; *CURRICULUM RESEARCH; *TASK ANALYSIS; EDUCATIONAL PHILOSOPHY; CRITICAL INCIDENTS METHOD; SECONDARY SCHOOLS; NATIONAL SURVEYS; QUESTIONNAIRES; BIBLIOGRAPHIES

This study involved all distributive education state supervisory and teacher education personnel in the United States, 48 distributive education teacher coordinators and 400 distributive workers at the entry, supervisory, and management levels. The specific objectives of the study were to determine: (1) the basic beliefs concerning distributive education, (2) the critical tasks in the job of the distributive education teacher coordinator, (3) the professional competencies needed to perform these tasks, and (4) the technical competencies needed by the teacher coordinator to develop competencies needed by workers to enter and advance in distributive occupations. This document, Volume I, includes a philosophy of distributive education, critical tasks of the high school distributive education teacher coordinator, the professional and technical competencies needed, and a cross tabulation of competencies needed by selected distributive workers. Volume II, department stores, variety stores, (VT 005 974), Volume III, food stores, service station, wholesaling, (VT 005 975), and Volume IV, hotels-motels, restaurants, (VT 005 976) include the critical tasks of selective distributive workers, competencies needed to perform the tasks, and a cross tabulation of competencies needed by workers in selected categories of business. Volume V (VT 009 085) includes final reports of Phases II and III of the study. All of these abstracts are included within this issue of ARM. (MM)

VT 005 974 ED 032 384
Crawford, Lucy C.
A Competency Pattern Approach to Curriculum Construction in Distributive Teacher Education. Final Report, Vol. II.

Virginia Polytechnic Inst., Blacksburg
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$1.25 HC-$14.40 OEG-6-85-044
Pub Date - 31Dec67 286p.

*DISTRIBUTIVE EDUCATION; CURRICULUM DEVELOPMENT; *JOB SKILLS; *RETAILING; TEACHER EDUCATION; DISTRIBUTIVE EDUCATION TEACHERS; TEACHING SKILLS; INSTRUCTOR COORDINATORS; *CURRICULUM RESEARCH; NATIONAL SURVEYS; *TASK ANALYSIS; CRITICAL INCIDENTS METHOD; OCCUPATIONS; OCCUPATIONAL INFORMATION

This study involved all distributive education state supervisory and teacher education personnel in the United States, 48 distributive education teacher coordinators, and 400 distributive workers at the entry, supervisory, and management level. This document, Volume II, includes the critical tasks, competencies needed to perform the tasks, and a cross tabulation of competencies needed by workers in selected categories or department and variety stores. Volume III (VT 005 975) and Volume IV (VT 005 976) include the same information for food stores, service stations, wholesaling, hotel-motel, and restaurants. Volume I, (VT 005 973) includes a philosophy of distributive education, the critical tasks of the high school distributive education teacher coordinator, the professional competencies needed to perform the critical tasks, the technical competencies needed to develop identified competencies of selected distributive workers, and a cross tabulation of competencies needed by selected distributive workers. Volume V (VT 009 085) includes final reports of Phases II and III of the study. All of these abstracts are included within this issue of ARM. (MM)

VT 005 975 ED 032 385
Crawford, Lucy C.
A Competency Pattern Approach to Curriculum Construction in Distributive Teacher Education. Final Report, Vol. III.

Virginia Polytechnic Inst., Blacksburg
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$1.25 HC-$15.95 OEG-6-85-044
Pub Date - 31Dec67 317p.

*DISTRIBUTIVE EDUCATION; CURRICULUM DEVELOPMENT; *JOB SKILLS; *RETAILING; *CURRICULUM RESEARCH; *TASK ANALYSIS; CRITICAL INCIDENTS METHOD; OCCUPATIONS; OCCUPATIONAL INFORMATION; TEACHER EDUCATION; TEACHING SKILLS; INSTRUCTOR COORDINATORS

This study involves all distributive education state supervisory and teacher education personnel in the United States, 48 distributive education teacher coordinators, and 400 distributive workers at the entry, supervisory, and management levels. This document, Volume III, includes the critical tasks, competencies needed to perform the tasks, and a cross tabulation of competencies needed by workers in selected categories of food stores, service stations, and wholesaling. Volume II (VT 005 974) and Volume IV (VT 005 976) include the same information for the areas of department stores, variety stores, hotels-motels, and restaurants. Volume I (VT 005 973) includes a philosophy of distributive education, the critical tasks of the high school distributive education teacher coordinator, the professional competencies needed to perform the critical tasks, the technical competencies needed to develop identified competencies of selected distributive workers, and a cross tabulation of competencies needed by selected distributive workers. Volume V (VT 009 085) includes final reports of Phases II and III of the study. All of these abstracts are included within this issue of ARM. (MM)

VT 005 976 ED 032 386
Crawford, Lucy C.
A Competency Pattern Approach to Curriculum Construction in Distributive Teacher Education. Final Report, Vol. IV.

Virginia Polytechnic Inst., Blacksburg
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$1.00 HC-$12.50 OEG-6-85-044
Pub Date - 31Dec67 248p.

*DISTRIBUTIVE EDUCATION; CURRICULUM DEVELOPMENT; *JOB SKILLS; *RETAILING; TEACHER EDUCATION; TEACHING SKILLS; INSTRUCTOR COORDINATORS; *CURRICULUM RESEARCH; *TASK ANALYSIS; CRITICAL INCIDENTS METHOD; OCCUPATIONS; OCCUPATIONAL INFORMATION

This study involves all distributive education state supervisory and teacher education personnel in the United States, 48 distributive education teacher coordinators, and 400 distributive workers at the entry, supervisory, and management levels. This document, Volume IV, includes the critical tasks competencies needed to perform the tasks, and a cross tabulation of competencies needed by workers in selected categories for the areas of hotel-motel and restaurants. Volume II, (VT 005 974) and Volume III, (VT 005 975) include the same information for the areas of department stores, variety stores, food stores, service stations, and wholesaling. Volume I, (VT 005 973), includes a philosophy of distributive education, the critical tasks of the high school distributive education teacher coordinator, the professional competencies needed to perform the critical tasks, the technical competencies needed to develop identified competencies of selected distributive workers, and a cross tabulation of competencies needed by selected distributive workers. Volume V (VT 009 085) includes final reports of Phases II and III of the study. All of these abstracts are included within this issue of ARM. (MM)

VT 006 658
Characteristics of Diploma Education for Nursing.

National League for Nursing, New York, N.Y. Dept. of Diploma Programs
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($.10).
Pub Date - 66 1p.

*HEALTH OCCUPATIONS EDUCATION; *TECHNICAL EDUCATION; *NURSING; HOSPITALS; *STANDARDS; PROGRAM DESCRIPTIONS; *EDUCATIONAL SPECIFICATIONS
*NATIONAL LEAGUE FOR NURSING

Diploma type education in nursing is described as code number 16-1243 of the National League for Nursing in terms of interests and goals served, characteristics of the program, and qualifications of graduates. These qualifications are set forth as follows: (1) Know basic scientific principles and utilize them in planning and giving quality nursing care, (2) Recognize the indications of diseases and disabilities and the psychological, social, and physical needs of patients, (3) Have the understanding and skills necessary to organize and implement a plan of nursing care to meet the needs of groups of patients and promote restoration of health, (4) Be qualified to plan for the care of patients and other members of the health team and to direct other members of the nursing team, and (5) Be qualified for general duty nurse positions in the medical, surgical, obstetric, pediatric, and psychiatric nursing areas of hospitals and similar community institutions. (JK)

VT 007 733 ED 030 711
Bangs, F. Kendrick, And Others
Curricular Implications of Automated Data Processing for Educational Institutions. Final Report.

Colorado Univ., Boulder
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$1.50 HC-$19.95 OEC-6-85-030 08
BR-5-0144
Pub Date - Sep68 397p.

*DATA PROCESSING OCCUPATIONS; NATIONAL SURVEYS; *COMPUTER SCIENCE EDUCATION; TECHNICAL EDUCATION; *OFFICE OCCUPATIONS EDUCATION; *CURRICULUM RESEARCH; *EDUCATIONAL NEEDS; OCCUPATIONAL INFORMATION; QUESTIONNAIRES; INDIVIDUAL CHARACTERISTICS; SECONDARY EDUCATION; POST SECONDARY EDUCATION; OCCUPATIONAL SURVEYS; WAGES; CAREER OPPORTUNITIES

Integrated data processing in offices was studied to determine implications for the development of office occupations curriculums in public secondary schools and post-high school institutions offering less than baccalaureate degrees. Interviews were held with representatives of 285 businesses, teachers in 176 public high and post-high schools in the cities in which the businesses were located, and advanced planning executives of 13 computer manufacturers. Extensive findings include: (1) It appears that jobs will become more complex rather than proliferate, (2) Little change will take place in computers in the next 3 to 10 years, (3) With the relative decrease in use of punched cards as input, the proportion of key punch and verifier operators will decrease, (4) Advances in software will be extensive in the next 3 to 10 years, and (5) There will be opportunities for programmers in systems analysis. Recommendations include: (1) inauguration of new programs and updating of existing ones, (2) training of greater numbers of teachers for the data processing field, and (3) summer experience in data processing for teachers. Recommended curriculums are included. (JK)

VT 007 991
Mietus, Walter S.
The Development, Implementation and Field Evaluation of the Cluster Concept Program in Vocational Education at the Secondary School Level.

Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Feb69 18p.; Speech presented at American Educational Research Association Conference Symposium No. 6.9 (Los Angeles, Feb. 6, 1969).

SPEECHES; *TRADE AND INDUSTRIAL EDUCATION; TASK ANALYSIS; *OCCUPATIONAL CLUSTERS; *CURRICULUM DEVELOPMENT; *CURRICULUM EVALUATION; VOCATIONAL EDUCATION; GRADE 11; GRADE 12; EXPERIMENTAL CURRICULUM; *EDUCATIONAL RESEARCH; DEVELOPMENTAL PROGRAMS
*CLUSTER CONCEPT PROGRAM; MARYLAND

The occupational cluster approach in vocational education is aimed at entry level job preparation of 11th and 12th grade students in a variety of related, rather than specific, occupations. Three occupational clusters selected on the basis of stated criteria were construction, electro-mechanical installation and repair, and metal forming and fabrication. Task inventories were made for each occupation within each cluster by reviews of job descriptions, texts, courses of study, and training manuals with the assistance of occupational leaders. The inventory items were submitted to panels of industrial experts for classification as to "not required," "required entry-level," and "required soon after entry." The second phase of the project sought to identify and train competent teachers and to accomplish further curriculum development. Phase three involved field testing of curriculum guides, course outlines, and newly trained teachers in 10 Maryland senior high schools. The new programs were contrasted to traditional vocational programs. It was concluded that cluster concept programs have the potential to become vigorous, alternative forms of vocational education. Summarized research findings are included. (EM)

VT 008 181 ED 029 963
Brandon, George L., Ed.
Research Visibility. The Vocational Education Curriculum.

American Vocational Association, Washington, D.C.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$0.90 OEG-2-7-070633 08
BR-7-0633

American Vocational Journal; v44 n3 p41-56 Mar 1969.
Pub Date - Mar69 16p.

*BIBLIOGRAPHIES; *VOCATIONAL EDUCATION; *CURRICULUM DEVELOPMENT; *CURRICULUM RESEARCH; *RESEARCH REVIEWS (PUBLICATIONS); CURRICULUM GUIDES

Ten reports reviewed in this issue pertain to these topics related to vocational education curriculum: (1) "Curriculum Development Projects" related information on four curriculum development efforts and a journal chapter on this subject, (2) "Curriculum Workshops" reports a national workshop on post secondary wage-earning home economics curriculums, (3) "Laboratories and Materials" presents two curriculum guides and a textbook. Also reviewed are 15 curriculum projects funded by the U.S. Office of Education and an administrators' curriculum handbook. About 75 other related publications are given in the bibliography. "Plain Talk," a continuing column by the author, relates the emphasis of current federal legislation on curriculum and the importance of balance between program types in vocational and technical education, i.e., occupational orientation, cooperative education, and work study. (EM)

VT 008 386 ED 029 140
Rosser, Arthur James
An Exploratory Study of Using a Computer in Curriculum Development.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 68 123p.

DOCTORAL THESES; CURRICULUM DESIGN; *TAXONOMY; COGNITIVE BEHAVIORAL OBJECTIVES; AFFECTIVE BEHAVIORAL OBJECTIVES; PSYCHOMOTOR BEHAVIORAL OBJECTIVES; *INDUSTRIAL ARTS; *CURRICULUM RESEARCH; ELECTRONIC DATA PROCESSING; *COMPUTERS; *FEASIBILITY STUDIES; CURRICULUM DEVELOPMENT

This developmental study sought to determine the feasibility of utilizing computers and the limitations of computers in the curriculum development process. It focused on these steps in the curriculum development process: (1) formulation of objectives, (2) selection of content, (3) organization of content, (4) selection of learning experiences, and (5) organization of learning experiences. A computer program was written and applied to seven typical experiences. Seven criteria covering time, cost, equipment, creativity, decision making, inclusiveness and limitations were applied where appropriate. Computer input consisted of structured curriculum elements from the Industrial Arts Curriculum Project's taxonomy, educational objective levels for cognitive, affective and psychomotor behavioral objectives, and unstructured curriculum elements. Conclusions included: (1) Computers are feasible for this application, (2) They can save time and money, (3) They should not be rented or purchased for curriculum work alone, (3) They can be creative, as new curriculum elements are created by their use, and (5) The program used here did not allow high-level decisions. This Ph.D. thesis was submitted to the Ohio State University. (EM)

VT 008 400 ED 029 968
Wallis, Carl Ransom
Positional and Form Tolerancing: Background, Present Status, and Educational Implications.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - Jun69 201p.

DOCTORAL THESES; *DRAFTING; QUESTIONNAIRES; INDUSTRIAL PERSONNEL; TRADE AND INDUSTRIAL TEACHERS; INDUSTRIAL ARTS TEACHERS; *TEACHER ATTITUDES; *EMPLOYER ATTITUDES; *COURSE CONTENT; EDUCATIONAL PRACTICE; *CURRICULUM RESEARCH; SECONDARY GRADES; POST SECONDARY GRADES; SCHOOL SURVEYS

The purposes of this study were to review and report background information on positional and form tolerancing, to ascertain the status of tolerancing practices in selected schools and manufacturing industries, and to ascertain the views of drafting instructors and industrial drafting personnel on tolerancing instructional content items. Questionnaire data were collected from 216 public secondary and post-secondary teachers, and 191 randomly selected industrial firms in 12 western states. Some findings were that 166 teachers taught tolerancing, 16 of the 41 content items were taught by 50 percent of the teachers, significant differences existed between industrial personnel ratings of items and those included in courses, and 119 firms included positioning and form tolerancing in their procedures. Conclusions were that much knowledge of tolerancing was not taught, there were differences of opinion between the industrial and educational groups on the relative importance of content items, tolerancing is accepted industrial practice, and instructors and draftsmen need more training in this area. A review of tolerancing literature, the questionnaire, and statistical data are included. This Ed.D. thesis was submitted to Arizona State University. (EM)

VT 008 639 ED 030 728
Proceedings of the West Virginia University Industrial Arts Undergraduate Program Development Conference (Morgantown, November 8-10, 1967).

West Virginia Univ., Morgantown. Coll. of Human Resources
EDRS PRICE MF-$2.25 HC-$27.70
College of Human Resources and Education, Department of Industrial Arts, West Virginia University, Morgantown, West Virginia 26506 ($3.00, make checks payable to: West Virginia University Foundation).
Pub Date - 69 552p.

*INDUSTRIAL ARTS; *TEACHER EDUCATION; *CONFERENCE REPORTS; *CURRICULUM PLANNING; *EDUCATIONAL RESOURCES; UNDERGRADUATE STUDY; TECHNOLOGY; INDUSTRY
*INDUSTRIAL ARTS UNDERGRADUATE PROGRAM DEVELOPMENT CONFERENCE, MORGANTOWN, NOVEMBER 8-10, 1967

In the spring of 1965, West Virginia University called a moratorium on undergraduate enrollment in industrial arts education. This was to provide time for the faculty to review and develop a new approach to this program. An interdisciplinary conference was held in an attempt to meet this goal. It was designed to determine the university's function in industrial arts teacher education and to provide recommendations on program scope, elements, and resource personnel. This tapescript of the 3-day conference includes these presentations: (1) "The University and Industrial Arts Teacher Education" by William J. Micheels, (2) "Considerations for the Future: Technology and Change" by John McHale, and (3) "A Proposed Content Structure" by Thomas J. Brennan and Paul W. DeVore. In addition, verbatim reports are given for general and small group discussions. Some recommendations from the last session were that industrial arts give students the language and some feeling for the modes of association and transaction in industry, and an understanding of their environment. Resource persons were identified and program suggestions were offered throughout the discussions. (EM)

VT 008 641
Light, Israel
Development and Growth of New Allied Health Fields.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - Feb69 23p.; Speech presented at the Annual Congress on Medical Education, Council on Medical Education of the American Medical Association (65th, Chicago, Ill., February 9, 1969).

SPEECHES; *CURRICULUM DEVELOPMENT; *HEALTH OCCUPATIONS EDUCATION; HEALTH OCCUPATIONS; *TASK ANALYSIS; CORE CURRICULUM; EQUIVALENCY TESTS; OCCUPATIONAL MOBILITY; INTERAGENCY COOPERATION; *EDUCATIONAL RESPONSIBILITY; PROGRAM DEVELOPMENT; EDUCATIONAL NEEDS; EDUCATIONAL PLANNING
AMERICAN MEDICAL ASSOCIATION; AMA; *AMA ANNUAL CONFERENCE ON MEDICAL EDUCATION, CHICAGO, ILLINOIS, FEBRUARY 9, 1969

Among factors to be considered in planning a new curriculum in a health field are the following: (1) legitimate specialization versus fragmentation, (2) task analysis, (3) examination and re-assessment of the job descriptions of the medical speciality leadership, (4) sharing of responsibility by the team captain as opposed to delegating duties, (5) cooperation of medical specialists and professional educators in approaching curriculum construction, (6) obligations to trainees--geographic mobility, occupational mobility, competitive wage, and visible membership on the health team, and (7) involvement of some organized medical speciality leadership in the development of the new field from the beginning. Problem areas requiring intimate collaboration between professional educators and medical leaders are: (1) the need for guidelines by which educational equivalency credits can be offered for on-the-job experiences, (2) cooperation in planning an integrated program of general education and vocational training, (3) provisions for occupational mobility, and (4) the core curriculum concept. However, many organizations are engaged in solving problems in the health field. (JK)

VT 008 695 ED 029 997
Kishunas, Louis J.
Pittsburgh Technical Health Training Institute Demonstration Project Quarterly Report.

Pittsburgh Board of Public Education, Pa.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.40 OEG-1-6-062015-1839 08
BR-6-2015

Pub Date - 15Sep67 26p.

*HEALTH OCCUPATIONS EDUCATION; *NURSES AIDES; *DEMONSTRATION PROJECTS; *CURRICULUM DEVELOPMENT; MATERIAL DEVELOPMENT; *PROGRAM DESCRIPTIONS; EDUCATIONAL PROGRAMS; ADULT VOCATIONAL EDUCATION; JOB ANALYSIS; INSTRUCTIONAL MATERIALS

This fifth quarterly report covers the period June 15, 1967 to December 15, 1967 of a project aimed at demonstrating a faster method of training highly qualified workers for the health field. During this period, nurses aides were trained in a pilot program based upon the educational objectives derived from entry level behavioral specifications previously verified by a job analysis survey. The 172-page "Nurse Aide Handbook" which had been begun during the previous quarter was completed and utilized. Unit quizzes, work sheets, progress records, daily lesson plans, and an overall schedule were developed and applied. The research team conferred regularly with course instructors in order to obtain maximum utilization of techniques suggested in the second quarter in-service program. Performance test scores of the experimental groups were significantly higher than those of the control group, and the experimental curriculum reduced the training time by 25 percent. The next project phase will include comparison of the experimental and control groups both at the end of training and on the job. Appendixes include sample worksheets, a sample lesson plan, and an overall course schedule. Earlier reports are ED 019 508 (VT 005 511, ARM Winter 1968), ED 019 509 (VT 005 512, ARM Winter 1968), and ED 011 978. (JK)

VT 008 701 ED 029 998
Warren, Mary A., And Others
Generalizations Related to Concepts Important for Youth Orientation to the World of Work.

Oklahoma Univ., Norman. Research Inst.
Oklahoma State Board of Vocational Education, Stillwater
EDRS PRICE MF-$0.50 HC-$3.95
Pub Date - nd 77p.

*HIGH SCHOOL STUDENTS; *WORK ATTITUDES; OCCUPATIONAL INFORMATION; ENVIRONMENTAL INFLUENCES; OCCUPATIONAL GUIDANCE; SOCIOECONOMIC INFLUENCES; VOCATIONAL EDUCATION; TECHNOLOGICAL ADVANCEMENT; OCCUPATIONAL ASPIRATIONS; INDIVIDUAL NEEDS; *GENERALIZATION; FUNDAMENTAL CONCEPTS; *CONCEPT FORMATION; MODELS; *CURRICULUM RESEARCH

A basic first step in building a curriculum contributing to the orientation of youth to world of work is identification of concepts important to that orientation. In this study, the generalizations within the concept framework were identified through a developmental process of analysis and synthesis, including a review of current literature, a review of the findings of the earlier concept conference, an evaluation conference, and a compilation of findings by project staff, and an individual and group study of materials by national, state, and local consultants, and by youth. The concept and generalization framework was divided into three areas: (1) personal influences which include human needs, values and individual personalities, (2) environmental influences which include technology, automation, economic framework and work opportunity, and (3) personal-environmental influences which include vocational plans and work attitudes. Through use of this framework, equality of opportunity for students of varying abilities and socioeconomic levels is possible. (CH)

VT 008 786 ED 031 571
Hunter, Harold G., And Others
The Process of Developing and Improving Course Content for Military Technical Training. Technical Report 69-9.

George Washington Univ., Alexandria, Va. Human Resources Research Office
Office of Research and Development (Army), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$3.55
Pub Date - May69 69p.

*TECHNICAL EDUCATION; *COURSE CONTENT; *MODELS; *CURRICULUM DEVELOPMENT; *MILITARY TRAINING; COURSE ORGANIZATION; COURSE OBJECTIVES; TASK ANALYSIS; SKILL ANALYSIS; VOCATIONAL EDUCATION; BIBLIOGRAPHIES; GLOSSARIES; QUESTIONNAIRES; PROGRAM EVALUATION
CONSOLIDATED TRAINING AND EDUCATION PROGRAM; CTEP

The purpose of this study was to identify and analyze curriculum development policies and procedures used by the Army, Navy and Air Force to develop and/or to revise the subject matter for technical training courses. The scope of the study was confined to first term enlisted technical training, particularly in electronics and other technical fields in which training costs are high. A model for curriculum development in military training was developed from training-research findings and practices and consists of seven steps to curriculum development: (1) conduct system analysis, (2) develop task inventory, (3) develop a job model, (4) conduct task analysis, (5) derive training objectives, (6) develop the training program, (7) monitor the trained product and modify the training curriculum. A comparison between this model and the training development procedures used in the military services indicated needs (1) for better procedures for determining the adequacy of training content and the means for improvement, (2) for detailed guidance for developing and conducting the first four steps of the model process: criteria for allocating training content to formal instruction or on-the-job learning, performance specifications for graduates, and feedback from training programs, and (3) for more opportunities for career fields in training. (CH)

VT 008 834 ED 030 754
Henrich, Robert R.
Meeting Report of National Technical Advisory Committee for Pharmacy (Los Angeles, Calif.) March 23-25, 1969.

Allied Health Professions Projects, Los Angeles, Calif. Div. of Vocational Education
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$3.05
Pub Date - May69 59p.

*HEALTH OCCUPATIONS EDUCATION; *PHARMACISTS; SUBPROFESSIONALS; *CURRICULUM DEVELOPMENT; *TECHNICAL EDUCATION; MATERIAL DEVELOPMENT; JOB ANALYSIS; *CONFERENCE REPORTS; ADVISORY COMMITTEES
*NATIONAL TECHNICAL ADVISORY COMMITTEE FOR PHARMACY; LOS ANGELES; MARCH 1969

To identify appropriate content for pharmacy technician training programs, this meeting brought together staff members of the Allied Health Professions Projects and 10 committee members representing professional associations and hospital pharmacy administration. The purpose of the project is to develop instructional units for and education in pharmacy. Following an explanation of the project, the committee discussed the philosophy underlying the development of the pharmacy technician role, a summary of which forms the bulk of the report. Subsequently, the specific methodology for the development of curriculum and a draft of a task list for a facility pharmacy operation which had been developed by project staff were presented. Revision of the list was accomplished in the course of the meeting and through subsequent sub-committee activity and is included. Appended is a draft of a questionnaire calling for analysis of each task in terms of frequency, relative frequency, importance, kind of skill, and knowledge required. (JK)

VT 008 991 ED 031 584
Malsbary, Dean R.; Holmes, Samuel F., Jr.
A Study of Education for the Distributive Occupations with Implications for Better Articulation of High School and Community College Programs in Connecticut.

Connecticut Univ., Storrs. Dept. of Higher, Technical, and Adult Education
Connecticut State Dept. of Education, Hartford. Div. of Vocational Education
EDRS PRICE MF-$0.50 HC-$5.65
Pub Date - May69 111p.

*DISTRIBUTIVE EDUCATION; *ARTICULATION (PROGRAM); PROGRAM COORDINATION; HIGH SCHOOL CURRICULUM; COMMUNITY COLLEGES; EMPLOYMENT QUALIFICATIONS; BIBLIOGRAPHIES; QUESTIONNAIRES; PROGRAM IMPROVEMENT; COLLEGE CURRICULUM; VOCATIONAL DEVELOPMENT; *EDUCATIONAL NEEDS; *CURRICULUM RESEARCH; *JOB SKILLS; PROGRAM CONTENT; STATE SURVEYS
CONNECTICUT

A brief overview of high school and community college programs for distributive occupations is presented, along with a discussion of the general problem of articulation and coordination of competencies that should be developed at the secondary and postsecondary levels. A discussion of the scope and development distribution precedes the definition and discussion of several competency models. One author, in presenting a conceptual framework for distributive curriculums, identified four areas of necessarily broad competencies: marketing, social, basic skill, and technological competencies. Data for the study were obtained by questionnaires submitted to secondary and postsecondary distributive educators to identify desired competencies and levels of proficiency, that is, mastery or acquaintance. Findings of the study indicate that the transition from the secondary level of distributive education to the postsecondary level is in need of considerably more coordination. One basis for this conclusion was the finding that for 12 basic competencies, the high school required a mastery level of proficiency, while the community college required only an acquaintence level. A 70-item bibliography of books, periodicals, and theses is appended. (CH)

VT 009 056 ED 031 592
Larson, Milton E.; Blake, Duane L.
Institute on Occupational Analysis as a Basis for Curriculum Development. Final Report.

Colorado State Univ., Fort Collins
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$5.70 OEG-0-8-080339-3596 08
BR-8-0339
Pub Date - Jun69 112p.

*VOCATIONAL EDUCATION; *CURRICULUM DEVELOPMENT; *CONTENT ANALYSIS; CONFERENCE REPORTS; SUMMER WORKSHOPS; CHARTS; INSTRUCTIONAL MATERIALS; *JOB ANALYSIS; PROGRAM EVALUATION; *OCCUPATIONAL CLUSTERS; PARTICIPANT SATISFACTION; OCCUPATIONAL INFORMATION; CONCEPTUAL SCHEMES; QUESTIONNAIRES
*INSTITUTE ON OCCUPATIONAL ANALYSIS AS A BASIS FOR CURRICULUM DEVELOPMENT, FORT COLLINS, COLORADO, JUNE 1969; *ZONED ANALYSIS

The primary objective of this institute was to develop facility in using the process of zoned analysis for curriculum construction in vocational education. Zoned analysis was defined as a method of graphic delineation by which factors involved in an organizational or research project may be systematically arranged in an orderly sequence. The analysis proceeds from the general to the specific and includes four zones: (1) major areas to be considered, (2) primary breakdown of ideas, (3) subjects for discussion, and (4) details regarding subjects. Examples of the process are included. Participants represented 47 states and Puerto Rico, all vocational services, and included specialists in curriculum construction, directors and supervisors of state and local programs, and vocational teacher educators. A list of participants is appended. (CH)

VT 009 157 ED 031 599
Bases for Vocational Education for Food Service Industry Employees.

Iowa State Univ. of Science and Technology, Ames
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$1.50 HC NOT AVAILABLE FROM EDRS. OEC-6-85-024 08
BR-5-0129
Pub Date - Jul69 364p.

*TRADE AND INDUSTRIAL EDUCATION; *FOOD SERVICE WORKERS; FOOD SERVICE INDUSTRY; *OCCUPATIONAL SURVEYS; ATTITUDE TESTS; INSERVICE PROGRAMS; EVALUATION TECHNIQUES; QUESTIONNAIRES; INTERVIEWS; EMPLOYEE ATTITUDES; *EDUCATIONAL EXPERIMENTS; EDUCATIONAL PLANNING; *OCCUPATIONAL HOME ECONOMICS; WORK ATTITUDES; WORK ENVIRONMENT; EDUCATIONAL PROGRAMS; PRETESTING; POST TESTING; PROGRAM EVALUATION; EXPERIMENTAL GROUPS CONTROL GROUPS; *CURRICULUM DEVELOPMENT

As a preliminary step in establishing bases for food service training programs, data were collected from a sample of institutions including 4,496 restaurants, 158 hospitals, 436 nursing homes, and 343 custodial homes. A second phase involved developing inventories of attitudes toward food service employment and administering them to high school juniors and seniors, food service program enrollees, and 300 adults in middle and low socioeconomic segments. In the third phase, short courses were given to two experimental groups totaling 78 school lunch employees while 43 employees served as a control group. In the fourth phase, instruments were developed to evaluate training through assessing the quality of service and food. Some findings were: (1) About 5 percent of restaurant and custodial home food service managers and 15 percent of nursing home food service managers had formal training, while 69 percent of hospital food service managers had training and 25 percent were qualified dieticians, (2) Among a sample of food service program enrollees, statements concerning relations with people obtained frequent favorable responses, and (3) Adults with some food service experience had significantly higher scores on all attitude inventories than those without experience. [Not available in hard copy due to marginal legibility of original document]. (JK)

VT 009 262 ED 032 425
Mason, Emmett Elwell
The Associative Meaning and Content Validity of Selected Elements from the Industrial Arts Curriculum Project's Taxonomy as Determined by Continued Word Association.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 69 136p.

*ASSOCIATION TESTS; *VALIDITY; *CURRICULUM; *INDUSTRIAL ARTS; *TAXONOMY; INDUSTRY; DOCTORAL THESES; WORD RECOGNITION; STRUCTURAL ANALYSIS; VISUAL STIMULI; RESPONSE MODE; ADMINISTRATIVE PERSONNEL; MANAGERIAL OCCUPATIONS; WORD LISTS
*INDUSTRIAL ARTS CURRICULUM PROJECT; OHIO STATE UNIVERSITY

Industrial management concepts in the taxonomy of the Industrial Arts Curriculum Project (IACP) at The Ohio State University were the focus of this study. The purposes were: (1) to determine the associative meanings which were held by manufacturing management personnel for 14 selected management concepts, (2) to determine the principal relationship of word association responses to each management concept, and (3) to compare these principal relationships to the concepts in order to determine their content validity. Word association data were collected in written form by use of a controlled, continued word association technique. The purposive sample of respondents was composed of 27 employed manufacturing management personnel. Responses were subjected to an inspective and statistical analysis. Relatedness coefficients and a hierarchical factor analysis of the coefficient matrix were utilized. Twelve stimulus words were judged as valid for continued use in the IACP curriculum taxonomy; two words were judged as not valid for continued use. The associative meanings of each of the stimulus words differed from all others as indicated by the range of Relatedness Coefficients by .0022 through .869. It was concluded that each stimulus represented a distinct concept for the sample of respondents. This Ph.D. dissertation was submitted to The Ohio State University. (EM)

VT 009 392
Brooker, George R.
Proposed Content of Agricultural Machinery Technology Curriculum for Four-Year Colleges and Universities. Doctoral Series 11.

Arkansas Vocational Education Research Coordinating Unit, Fayetteville
Arkansas State Dept. of Education, Little Rock. Div. of Vocational Education
Arkansas Univ., Fayetteville. Coll. of Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 69 77p.

*AGRICULTURAL MACHINERY; *ENGINEERING TECHNOLOGY; *CURRICULUM; *AGRICULTURAL TECHNICIANS; DOCTORAL THESES; COLLEGES; UNIVERSITIES; EMPLOYER ATTITUDES; INDUSTRIAL TECHNOLOGY; LITERATURE REVIEWS; BIBLIOGRAPHIES; QUESTIONNAIRES
UNIVERSITY OF ARKANSAS

The purpose of this study was to construct a curriculum for training agricultural machinery technicians and to select the most desirable content for specific agricultural machinery courses for 4-year colleges and universities. The data were secured by surveying a stratified random sample of 50 agricultural machinery manufacturers and distributors. The 46 responses were tabulated to determine the most desirable courses and course content. Agricultural consultants displayed considerable agreement in their selection of college courses to train agricultural machinery technicians. There was significant agreement among the industrial consultants concerning the value of various machines in agricultural machinery courses. It was recommended that the courses with the highest mean scores as rated by industrial consultants be adopted as logical choices within the framework of each institution's requirements. A course in technical writing was suggested as valuable, even though it was not included in the questionnaire. This D.Ed. dissertation was submitted to the University of Arkansas. (DM)

VT 009 503 ED 032 435
Crawford, Lucy C.
A Competency Pattern Approach to Curriculum Construction in Distributive Teacher Education. Final Report of Research Project, Vol. V.

Virginia Polytechnic Inst., Blacksburg
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$1.00 HC-$12.60 OEG-6-85-044
Pub Date - Jun69 250p.

*DISTRIBUTIVE EDUCATION; *CURRICULUM RESEARCH; *TASK ANALYSIS; *JOB SKILLS; *RETAILING; CURRICULUM DEVELOPMENT; TEACHER EDUCATION; DISTRIBUTIVE EDUCATION TEACHERS; TEACHING SKILLS; INSTRUCTOR COORDINATORS; NATIONAL SURVEYS; OCCUPATIONS; OCCUPATIONAL INFORMATION; CHARTS

This study involved all distributive education state supervisory and teacher education personnel in the United States, 48 distributive education teacher coordinators, and 400 distributive workers at entry, supervisory, and management levels. This document, Volume V, is the final volume in the report of the project, and includes final reports of Phases II and III of the study. The critical tasks, competencies needed to perform the tasks, and a cross-tabulation of competencies needed by workers are presented for selected categories of department and variety stores in Volume II (VT 005 974), food stores, service stations, and wholesaling in Volume III (VT 005 975), and hotel-motel and restaurants in Volume IV (VT 005 976). Volume I (VT 005 973) includes a philosophy of distributive education, the critical tasks of high school distributive education teacher coordinator, the professional competencies needed to perform the critical tasks, the technical competencies needed to develop identified competencies of selected distributive workers, and a cross tabulation of competencies needed by selected distributive workers. (CH)

VT 010 394
Yadon, James N., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 7, 10, 1969).

American Vocational Association, Washington, D.C. Industrial Arts Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 92p.

*INDUSTRIAL ARTS; CONFERENCES; *SPEECHES; *PROGRAM DESCRIPTIONS; COURSE CONTENT; *CURRICULUM DEVELOPMENT; EDUCATIONAL PROBLEMS
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

Addresses given at the 63rd Annual Vocational Convention, Industrial Arts Education Division of the American Vocational Association, are grouped in this document. They include: (1) "Materials Fabrication" by J.N. Yardon, (2) "Making Industrial Arts Relevant in New York City--In the Elementary School" by H. Krane, (3) "Guidelines for the Selection of Innovative Equipment for Use in the Industrial Arts Shops in New York City Schools" by E. Haug, (4) "Implementing Industrial Technology in Grades 7-9 in Florida" by M.A. Brown, (5) "The Eighth Grade Line, A Creative Approach to Mass Production" by J.P. Skellchock and D. Fromer, (6) "A New Industrial Arts--Individualizing Instruction" by E.A. Bame, (7) "Making Industrial Arts Relevant: An Exemplary Senior High Program" by W.L. Clanton and A.H. Gableson, (8) "The Industrial Arts Curriculum Project" by N.H. Gray and W.B. Muller, (9) "Implementation of the Technology for Children Project" by R.B. Hamack, and (10) "Emergence of Fluid Power Technology and the Design of Instructional Equipment and Materials for Classroom Use" by P.C. Zanetti. (GR)

VT 010 435
Yoho, Lewis W., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 9, 1969).

American Vocational Association, Washington, D.C. Post Secondary Education Dept.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 9Dec69 17p.

*POST SECONDARY EDUCATION; *CONFERENCES; *SPEECHES; *CURRICULUM DEVELOPMENT; *VOCATIONAL EDUCATION; TECHNICAL EDUCATION
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

Two addresses given at the 63rd Annual Vocational Convention Post Secondary Education Division of the American Vocational Association are in this report. They are: (1) "Curriculum--Salvage, Redirection, or Custody?" by L.W. Yoho, and (2) "The Vocational-Technical Education Curriculum in The Two-Year College: Salvage, Redirection, or Custody?" by G. Pass. (GR)

VT 010 444
Bartel, Carl R., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 8, 9, 10, 1969).

American Vocational Association, Washington, D.C. Technical Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 62p.

*VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *CONFERENCES; *SPEECHES; *TEACHER EDUCATION
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This group of addresses given at the 63rd Annual Vocational Convention, Technical Education Division of the American Vocational Association includes: (1) "A Projection of Teacher Education for the '70's" by C.R. Bartel, (2) "Technical Manpower--America's Critical Resources" by C.R. Bowen, (3) "Is Your Education Real Time?" by D.E. Irwin, and (4) "Stimulation Through Simulation" by R.A. Phillips. (GR)

VT 010 447
Morrison, Edward J., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 5-8, 1969).

American Vocational Association, Washington, D.C. Vocational Instructional Materials Section
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 29p.

*SPEECHES; *CURRICULUM DEVELOPMENT; *SYSTEMS APPROACH; *BEHAVIORAL OBJECTIVES; *INSTRUCTIONAL MATERIALS; EDUCATIONAL OBJECTIVES; INSTRUCTIONAL AIDS; STUDENT EVALUATION; LEARNING PROCESSES
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

Two speeches presented at the vocational instructional materials section of the 63rd Annual Convention are included. "Development of Curriculum Materials Fitting Behavioral Objectives," by Edward J. Morrison, addresses the instructional system, characteristics of behavioral objectives, and overview of curriculum development, analysis of objectives, and designing the learning program. "Looking Ahead in Instructional Materials Development," by Philip R. Teske, addresses specification of the desired end-product of the system, curriculum guides, courses of study, related instructor and student materials, training aids and devices, equipment subsystems, and student evaluation. (CH)

EMPLOYMENT
AND OCCUPATIONS
SECTION

VT 000 055
Colorado Business/Economic Outlook Forum 1967 (2nd Annual).

Colorado Univ., Boulder. Graduate School of Business Administration
Colorado Div. of Commerce and Development, Denver
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec66 36p.

*EMPLOYMENT PROJECTIONS; EMPLOYMENT TRENDS; *ECONOMIC CLIMATE; ECONOMIC RESEARCH; *STATE SURVEYS; LABOR FORCE; INCOME; POPULATION TRENDS; INDUSTRY
COLORADO

Sixty-one persons from business, education, and government contributed to the second Forum, of which this publication is a statistical summary. The Forum is designed to focus attention annually upon the changing structure of the Colorado business-economic system, with emphasis on changes in employment patterns. Looking at various economic indicators and their rates of change and interrelationships, projections for 1967 were made for population, labor force, personal income, and employment in each of nine industrial classifications. The total projected increment in new jobs for 1967 was 21,400, ranking 1967 the second best year of the decade and 1966 the best year. The economic sector with the greatest projected increase was the government sector, which was expected to increase by 6,900 new jobs. Graphs and tables are included. (ET)

VT 000 818
Change, Collaboration, Community Involvement. A Synthesis of Views on Nursing.

National League for Nursing, New York, N.Y. Committee on Perspectives
MF AVAILABLE IN VT-ERIC SET.
Pub Date - May67 16p.

*NURSING; NURSES; *PERCEPTION; *HEALTH OCCUPATIONS EDUCATION; COMMUNITY COOPERATION; *COMMUNITY INVOLVEMENT; *HEALTH SERVICES; CHANGING ATTITUDES; LEADERSHIP

This informal synthesis of the discussions of the National League for Nursing Committee on Perspectives covers the viewpoints expressed by the group during its eight meetings from mid-1965 through the Spring of 1967. The Committee, representative of nursing, medicine, health service administration, education, and the general public, was originally formed in 1960 and given free reign to study any aspect of nursing and health services and to formulate views and express opinions which would help nursing move forward as a service to society. Deliberations were directed toward the following: (1) collaboration with stress upon the interdependence of all health professionals and viewed as including patients and community leaders, (2) health maintenance as the over-all goal of health services, (3) environment encouraging experimentation and growth toward quality patient care and community health, (4) community individuality recognizing the need to design services to conform to the need of the community, (5) leadership in nursing with emphasis upon skill in innovation and collaboration with other health professionals and with educational and community agencies, (6) the constancy of change with cognizance of the need for nursing to view itself continuously in relation to changes in other facets of society, and (7) the need for action to create new programs to solve existing problems and to translate research findings into applicable knowledge and skills. (JK)

VT 000 970
Jakubauskas, Edward B.
The Implications of Manpower Supply and Demand Upon Vocational-Technical Education in the West North Central States Region.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - 14Nov67 14p.; Paper presented at the Conference on the Policy Issues and Developmental Problems of Post-High School Vocational-Technical Education in Region VI (Ames, Nov. 14, 1967).

*VOCATIONAL EDUCATION; *EDUCATIONAL PLANNING; *SPEECHES; SCHOOL INDUSTRY RELATIONSHIP; REGIONAL PLANNING; *EMPLOYMENT TRENDS; *POPULATION TRENDS; LABOR FORCE; EMPLOYMENT PROJECTIONS; MIGRATION PATTERNS; TECHNICAL EDUCATION; MANPOWER DEVELOPMENT
WEST NORTH CENTRAL STATES; *CONFERENCE ON THE POLICY ISSUES AND DEVELOPMENTAL PROBLEMS OF POST HIGH SCHOOL VOCATIONAL TECHNICAL EDUCATION IN REGION VI, AMES, IOWA, NOVEMBER 14, 1967

To maximize the social and individual benefits of vocational-technical education programs, they must be planned in relation to population and labor force trends in an area and the country as a whole. Some of the relevant population and labor force trends in Region VI (Minnesota, Iowa, Missouri, Kansas, Nebraska, South Dakota, North Dakota) are: (1) less than average population growth with continued outmigration--especially of youth, (2) continued migration of population from rural to urban areas within the region, (3) rapid increase in the number of youth and women entering the labor force, and (4) employment opportunities expanding in nonagriculture--particularly in the service industries. These and other trends have a number of implications for vocational education: (1) Although vocational education in agriculture should continue to be emphasized, some resources ought to be allocated to newer areas of employment which will be found in manufacturing and in the service sector and will also be located in urban centers, (2) Increased emphasis should be given to vocational education for women, (3) Occupational employment shifts will entail a demand for retraining, and (4) Because of the heavy outmigration of population--especially youth--continued financial support from the federal government appears to be justified and necessary. (ET)

VT 001 343
Pearce, Frank C.
Continuing Employment Through Training.

Stanislaus County Multi-Occupational Adult Training Project, Modesto, Calif.
MF AVAILABLE IN VT-ERIC SET.
Report-7.
Pub Date - Oct66 36p.

*VOCATIONAL FOLLOWUP; MANPOWER DEVELOPMENT; *ADULT VOCATIONAL EDUCATION; FEDERAL PROGRAMS; EMPLOYMENT STATISTICS; UNEMPLOYMENT; WAGES; *PROGRAM EVALUATION; *PROGRAM EFFECTIVENESS; EMPLOYMENT EXPERIENCE; JOB PLACEMENT; PARTICIPANT SATISFACTION
MODESTO; CALIFORNIA; *NEW HOPE PROJECT; STANISLAUS COUNTY MULTI OCCUPATIONAL ADULT TRAINING PROJECT

A computation of the rates of employment of trainees of the New Hope Project, a Manpower Training Project at Modesto, California, was made to determine the effectiveness of the program. Data were obtained by means of personal interviews of trainees at 3-, 6-, and 12-month intervals after training was completed. Of 1,006 trainees, 11 percent were enrolled in classes, 27 percent were not located, 15 percent were out of the labor force, 10 percent were unemployed, and 37.5 percent were employed. Of the 607 who had completed training, 316 were employed and 80 were unemployed. Conclusions were: (1) a 52 percent rate of employment is satisfactory when a program is trying to assist undereducated and unemployed adults with characteristics and background deficiencies as limiting as those encountered in the program, (2) A majority of trainees entered employment in a field that was related to their training and continued on a full-time basis, and (3) The earnings for the average trainee ($1.82 per hour) provided a favorable earning power when compared to the earnings of the subculture from which they came. (PS)

VT 001 345
Women Workers in California, 1949-1967.

California State Dept. of Industrial Relations, San Francisco. Div. of Labor Statistics and Research
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jan68 25p.

*WORKING WOMEN; *TABLES (DATA); *EMPLOYMENT STATISTICS; *LABOR FORCE
CALIFORNIA

Twenty charts represent the estimated number of women wage and salary workers in non-agricultural establishments, by industry, in California annually. Estimates, in thousands, are listed by month. A two-page summary lists the annual averages 1949-1966 according to industry and year. The least number of women were employed in shipbuilding and the most in trade. The average annual number of women wage and salary workers in non-agricultural establishments has grown from 1,640.0 to 2,295.2 (in thousands) between 1960-1967. (FP)

VT 001 367
Report on a Study to Determine the Trades in Which Apprentices are Employed and the Number of Employed Apprentices Enrolled in Related Instruction Classes.

New Jersey State Dept. of Education, Trenton
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Mar66 24p.

*APPRENTICESHIPS; *ADULT VOCATIONAL EDUCATION; OCCUPATIONS; *STATE PROGRAMS; *ANNUAL REPORTS; *SCHOOL INDUSTRY RELATIONSHIP; EMPLOYMENT; EDUCATIONAL PROGRAMS; MANPOWER DEVELOPMENT; ENROLLMENT TRENDS
NEW JERSEY

Information from apprentice coordinators, state supervisors and county vocational directors was analyzed to determine the extent to which apprentices participate in related instruction. In 1966 a total of 5,204 apprentices were employed in 59 trades or occupations in the 21 counties of the state. The 1966 employment total represents an increase of 635 apprentices over 1965 and is the sixth consecutive year reflecting an increase in apprentice employment. Related instruction was received by 4,933 (94.8 percent) apprentices. The public schools provided 85.8 percent of the related instruction while industry furnished related instruction for 9.5 percent of the apprentices. Approved home-study courses are used in various areas of the state where no other method of instruction is feasible. The building trades employed 55.6 percent of the apprentices and 93.8 percent of these apprentices received related instruction. Apprentice employment in the machine trades represented 22.08 percent of the total apprentice employment and 99.1 percent of these apprentices received related instruction. (HC)

VT 001 441
McCormick, Ernest J.
The Development, Analysis, and Experimental Application of Worker-Oriented Job Variables. Final Report.

Purdue Univ., Lafayette, Ind. Occupational Research Center
Office of Naval Research, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET. Contract NONR-1100(19)
Pub Date - Jul64 66p.

*COMPARATIVE ANALYSIS; *EMPLOYEES; *JOB ANALYSIS; *JOB EVALUATION; *QUESTIONNAIRES; JOB SKILLS; VALIDITY; WORK ENVIRONMENT; SKILL ANALYSIS; EMPLOYMENT QUALIFICATIONS

This report summarizes a series of exploratory studies relating to worker-oriented job variables. These variables include worker behaviors in jobs and certain job context variables (situational and environmental) that have relevance to human work, as contrasted with job-oriented variables which deal more with the technical aspects of jobs. It was found that the concept of worker-oriented job variables is one which is generally meaningful to people, and that such variables can be differentiated with reasonable adequacy. Data were obtained by use of a 162-item worker activity profile. In general, the results indicated the feasibility of identifying and quantifying job dimensions of a worker-oriented nature and also indicated the potential utility of such dimensions for purposes such as the establishment of job requirements. (CH)

VT 001 481
Reeder, William W., And Others
Factors Influencing Occupational Decisions in a Low-Income Area. Bulletin No. 67-1.

New York Agricultural Experiment Station, Ithaca
Economic Research Service (DOA), Washington, D.C. Economic Development Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Oct65 112p.

*OCCUPATIONAL CHOICE; *CAREER CHANGE; LOW INCOME GROUPS; LOW INCOME COUNTIES; *ECONOMIC FACTORS; *SOCIAL FACTORS; DECISION MAKING; FAILURE FACTORS; SUCCESS FACTORS; QUESTIONNAIRES; *FARMERS; ASPIRATION; RELOCATION; OCCUPATIONAL MOBILITY; COMMUNITY SURVEYS
NEW YORK; ST. LAWRENCE COUNTY

The purpose of this study was to determine the factors which enter into major occupational decisions in an economically declining area. It is part of a larger study of physical and human resource adjustments in St. Lawrence County, New York. The total sample consisted of 320 persons who comprised a representative cross-section of farm operators farming in St. Lawrence County in 1950 and who were under 55 years of age at that time. This report is based on the responses of 299 individuals who completed questionnaires in 1963. Observation of the data revealed that decisions to make occupational change were influenced to a varying degree by the following factors: (1) goals, (2) force, (3) support, (4) opportunity, (5) value standards, (6) ability, and (7) expectations. (CH)

VT 001 885
Work Life Expectancy and Training Needs of Women. Manpower Report 12.

Manpower Administration (DOL), Washington, D.C. Office of Manpower Policy, Evaluation, and Research
MF AVAILABLE IN VT-ERIC SET.
Manpower Administration, Office of Manpower Policy, Evaluation, and Research, U.S. Department of Labor, 14th Street and Constitution Avenue, N.W., Washington, D.C. 20210.
Pub Date - May67 11p.

*WORKING WOMEN; *MANPOWER UTILIZATION; *EMPLOYMENT PATTERNS; LABOR FORCE; EMPLOYMENT STATISTICS; *WORK LIFE EXPECTANCY; *EDUCATIONAL NEEDS

Information for employers and counselors of young and mature women is presented. The report shows the value of providing job opportunities for women who wish to work part-time and brings attention to the relatively long work life expectancy of mature women. It demonstrates that training and education for women may yield greater returns than most employers and counselors have recognized. Between 1950 and 1965, the number of women who contributed their energy, intelligence, and training in the production of goods and services increased from 19 million to 27 million. Most of these women were married. The current willingness and ability of women to enter the labor force is the result of many social, economic, and cultural factors as the steady rise in the educational level of women, a growing cultural acceptance of working women and the dual role, their significant contribution to higher family income, as well as, birth control methods and changed birth rates. The increasing participation of women in the work force will apparently continue in the years ahead. If we are to derive maximum utilization of their potential contribution, we may have to adjust the kind of education and training now provided for women. In addition, employers may have to develop new designs for jobs and be more flexible in providing work opportunities for women. Graphs and charts illustrate facts pertaining to the contemporary working woman. (FP)

VT 001 914
McGill, Ralph E.
The South and the Southerner.

Manpower Administration (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec66 35p.; Speech to Seminar on Manpower Policy and Program, Washington, D.C., September 16, 1965.

SPEECHES; *SOUTHERN STATES; *AMERICAN HISTORY; SOUTHERN ATTITUDES; *FARM LABOR PROBLEMS; *EDUCATIONAL NEEDS; *EMPLOYMENT PROBLEMS; NEGRO EMPLOYMENT; MIGRANT PROBLEMS

This report presents a condensed transcript of the address and the discussion period which followed. The history of the South, including slavery, the Civil War, and the Reconstruction period, as it relates to present-day problems of employment, manpower, and the various sociological and educational problems is presented. It was predicted that the movement of cotton production from the South to the West will, in 10 years, place several hundreds of thousands of farmers on the job market with little education and no training. If, 3 years from now, the totally mechanized tobacco harvester is in operation to any great extent, another large number of farmers will need employment and training. For the past several years, approximately 1,000 persons per month from the South have been arriving in Watts of Los Angeles and of these, relatively few were educated to any degree. The nation needs a permanent Head Start program and a Poverty Program to combat the effects of the untrained, uneducated, unskilled groups migrating from the South. (PS)

VT 001 942
Lisack, J.P.
A Manpower Report Concerning Occupations, Worker Traits and Qualifications, and Areas of Work in Architectural, Construction, and Related Fields for Jobs Above the Skilled Craftsmen Level. Manpower Study No. 66-3.

Purdue Univ., Lafayette. Office of Manpower Studies
MF AVAILABLE IN VT-ERIC SET.
Office of Manpower Studies, School of Technology, Purdue University, West Lafayette, Indiana 47907 (no charge).
Pub Date - 10Mar66 54p.

*OCCUPATIONAL INFORMATION; CONSTRUCTION OCCUPATIONS; *TECHNICAL OCCUPATIONS; *EMPLOYMENT QUALIFICATIONS; JOB SKILLS; *EDUCATIONAL NEEDS; PROFESSIONAL OCCUPATIONS; ARCHITECTS; PROGRAM PLANNING; OCCUPATIONAL CLUSTERS; TECHNICAL EDUCATION; INDIVIDUAL CHARACTERISTICS; *CONSTRUCTION INDUSTRY; APTITUDE

Occupational information and job descriptions, based on the "Dictionary of Occupational Titles," are given for selected technical occupations such as quality control technician, building inspector, and estimator. (EM)

VT 001 973
Lisack, J.P.
A Manpower Study Concerning Engineering Technicians Production and Requirements. Manpower Study No. 65-2.

Purdue Univ., Lafayette, Ind. Office of Manpower Studies
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 15Jun65 15p.

*ENGINEERING TECHNICIANS; *EMPLOYMENT TRENDS; *EMPLOYMENT OPPORTUNITIES; TECHNICAL EDUCATION; OCCUPATIONAL SURVEYS; EMPLOYMENT; *MANPOWER NEEDS; EDUCATIONAL PLANNING
INDIANA

Due to the erratic pattern of engineering manpower needs in the past, it is necessary to continue to project requirements and to refine and validate these projections continuously. The area of projected requirements for engineering technicians needs more work, including: (1) the establishment of a base line from an engineering inventory, (2) an examination of the current technician inventory, (3) the establishment of ratios between technicians and engineers, and (4) the computation of technician employment needs which are categorized by industries or other meaningful classifications. We have produced about 16,700 engineering technicians annually since 1962 and we have 115,600 in the field. The next development of this study assumes a ratio of two technicians to one engineer. The Engineering Manpower Commission expects a 45 percent increase of engineering employment in the decade 1961-71. It is recommended that: (1) implications of this study be used to plan, develop, and publicize technician education, (2) further followup studies be made of Indiana's employment needs, (3) shortcomings of engineering technician programs be improved, and (4) related manpower research efforts be identified. (EM)

VT 001 974
Lisack, J.P.
A Manpower Study for Technician-Level Educational Planning in Indiana Concerning the Chemical Technology. Manpower Study No. 65-3.

Purdue Univ., Lafayette. Office of Manpower Studies
MF AVAILABLE IN VT-ERIC SET.
Office of Manpower Studies, School of Technology, Purdue University, West Lafayette, Indiana 47907 (no charge).
Pub Date - 20Oct65 65p.

*OCCUPATIONAL SURVEYS; *CHEMICAL TECHNICIANS; *METALLURGICAL TECHNICIANS; CURRICULUM PLANNING; CURRICULUM; EMPLOYMENT TRENDS; INDUSTRY; *EDUCATIONAL NEEDS; EMPLOYMENT STATISTICS; PROFESSIONAL OCCUPATIONS; *MANPOWER NEEDS; EMPLOYMENT QUALIFICATIONS; OCCUPATIONAL CLUSTERS
INDIANA

This study examines data concerning employment of chemical technicians in chemical, rubber, plastics, primary metals, food processing, and petroleum plants in the state. An analysis of the data was done for educational program planning at Purdue University and its branch campuses. (EM)

VT 001 975
Lisack, J.P.
A Manpower Study for Technician-Level Educational Planning in the Greater Lafayette Area (Tippecanoe County, Indiana) Concerning the Electrical Electronic Technology. Manpower Study No. 66-1.

Purdue Univ., Lafayette. Office of Manpower Studies
MF AVAILABLE IN VT-ERIC SET.
Office of Manpower Studies, School of Technology, Purdue University, West Lafayette, Indiana 47907 (no charge).
Pub Date - Jan66 48p.

*OCCUPATIONAL SURVEYS; CURRICULUM PLANNING; CURRICULUM; *ELECTRONIC TECHNICIANS; *ELECTRICAL INDUSTRY; *MANPOWER NEEDS; PROFESSIONAL OCCUPATIONS; EMPLOYMENT TRENDS; EMPLOYMENT QUALIFICATIONS; *EDUCATIONAL NEEDS; TECHNICAL EDUCATION; OCCUPATIONAL CLUSTERS; EMPLOYMENT STATISTICS
INDIANA; LAFAYETTE; TIPPECANOE COUNTY

This study examines employment trends and needs for electrical-electronic technicians in the county for purposes of educational program planning. Discussion of the employment pattern and its implications for technical level programs is given. (EM)

VT 001 976
Lisack, J.P.
A Report of Employment Trends in Five Indiana Counties (Allen, Lake, Laporte, Marion, and Porter). Manpower Report No. 66-2.

Purdue Univ., Lafayette. Office of Manpower Studies
MF AVAILABLE IN VT-ERIC SET.
Office of Manpower Studies, School of Technology, Purdue University, West Lafayette, Indiana 47907 (no charge).
Pub Date - 1Feb66 31p.

*OCCUPATIONAL SURVEYS; *LABOR FORCE; *EMPLOYMENT TRENDS; WAGES; *EMPLOYMENT STATISTICS; EDUCATIONAL PLANNING; EMPLOYMENT; INDUSTRY; DEMOGRAPHY; TECHNICAL EDUCATION
INDIANA

The purpose of this study was to report employment trend data in counties where Purdue University has branch campuses with technical programs. (EM)

VT 002 145
Turner, Marjorie B.; Bernstein, Irving, Ed.
Women and Work.

California Univ., Los Angeles. Inst. of Industrial Relations
MF AVAILABLE IN VT-ERIC SET.
Institute of Industrial Relations, University of California, Los Angeles, California 90024 ($.75).
Pub Date - 64 89p.

*WORKING WOMEN; *SOCIAL CHANGE; *LABOR FORCE; EMPLOYMENT; *EMPLOYMENT TRENDS; *FEMALES; LABOR MARKET; LABOR STANDARDS; LABOR UNIONS

This document is one of a series of popular pamphlets designed to disseminate industrial relations research beyond the professional academic group. The number of working women both absolutely and relatively has been rising and is expected to continue to rise. Factors related to this trend are considered. The introductory sections describe womanpower as a resource, and historical work patterns. Another section considers reasons for and rates of women's participation in the American labor force. Facts and fiction of occupational concentration are discussed. The implications of legislation for women and employers, women in professions and management, and women and the union are also considered. The concluding section speculates on the future of women in the work force, considers their impact on economic and social life, and relates economic, social, and psychological barriers to women's employment. Recommendations of Esther Peterson and Eli Ginzberg are given. Reading recommendations and a statistical appendix are also included in the document. (FP)

VT 002 197
Loudermilk, Kenneth M., And Others
A Study of the Nursing Profession in Idaho Medical Facilities.

Idaho Occupational Research Coordinating Unit, Moscow
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET. OEC-5-85-118
Pub Date - Jan67 81p.

*OCCUPATIONAL SURVEYS; *HEALTH OCCUPATIONS; *PERSONNEL POLICY; SALARIES; EMPLOYMENT; *NURSING; HEALTH FACILITIES; QUESTIONNAIRES; STATE SURVEYS; WORK ATTITUDES; LABOR SUPPLY; *EMPLOYMENT PRACTICES; MANPOWER NEEDS; LABOR CONDITIONS; LABOR TURNOVER
IDAHO

This study of working conditions and remuneration of nursing personnel is presented for the benefit of the nursing profession, medical personnel, educators, employment and personnel officials, and other interested groups. Questionnaires were sent to all hospitals and nursing homes and useable responses were returned from 83.9 percent of the 56 hospitals and 64.8 percent of the 54 nursing homes. Some findings were: (1) Hospitals reported 1,944 full-time and 643 part-time employees with 362 full-time and 39 part-time vacancies while nursing homes reported 67 full-time and 196 part-time employees with 55 full-time and 19 part-time vacancies, (2) Most of the full-time vacancies in hospitals and most of the full- and part-time vacancies in nursing homes were for practical nurses and nurse aides, and (3) The ratio of replacements to full-time employees equalled 28 percent for hospitals and 38.4 percent for nursing homes. Other subjects were information concerning comparative salaries, pay for evening and night duty, overtime compensation, salary increases, maintenance provision, insurance coverage, sick leave, holidays, vacation, retirement, written personnel policies and job descriptions, and inservice education. (JK)

VT 002 306
Illing, Wolfgang M., And Others
Population, Family, Household and Labour Force Growth to 1980. Staff Study No. 19.

Economic Council of Canada, Ottawa
DOCUMENT NOT AVAILABLE FROM EDRS.
Queen's Printer, Ottawa, Ontario, Canada ($1.00).
Pub Date - Sep67 111p.

*POPULATION TRENDS; POPULATION GROWTH; *LABOR FORCE; *FAMILY (SOCIOLOGICAL UNIT); *EMPLOYMENT PROJECTIONS; *METHODOLOGY; STATISTICAL DATA
CANADA

To provide a basis for quantitative estimates of future economic growth, projections were developed for annual estimates of population, families, households and the labor force. A four-step component method was used in population estimates: (1) Survivors of June 1, 1965, still living on June 1 in each of the years to 1980, were estimated, (2) Survivors of children born after June 1, 1965 were estimated for each year and added, (3) Survivors of immigrants and their children born following their entry into Canada were added, and (4) Survivors of emigrants and their children born since their departure from Canada were substracted. Some findings were: (1) The population is expected to rise to 25.1 million by 1980, representing a 1.7 percent growth per year, (2) The most rapid population growth will be in age groups coming into the labor force, (3) The age structure of the population will result in a great increase in number of marriages and number of families, (4) The labor force is projected to increase by 50 percent or 3.5 million persons, (5) The female participation in the labor force increase will be 1.5 million, and (6) The annual labor force growth is estimated at 2.7 percent. Statistical data is explained through use of 38 tables and nine charts. (DM)

VT 002 311
LeRay, Nelson L.
Full-Time And Part-Time Farmers in a Low-Income Area. Bulletin No. 67-3.

New York Agricultural Experiment Station, Ithaca
Economic Research Service (DOA), Washington, D.C. Economic Development Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec67 112p.

*INDIVIDUAL CHARACTERISTICS; *LOW INCOME COUNTIES; *FARMERS; *PART TIME FARMERS; ADULT FARMER EDUCATION; *SOCIOECONOMIC INFLUENCES; EXTENSION EDUCATION; CHANGE AGENTS; RURAL AREAS; FAMILY (SOCIOLOGICAL UNIT)
NEW YORK

To determine the extent to which differences exist among full-time commercial farmers and part-time farmers on selected socio-economic characteristics, 206 farmers were interviewed in 1963 from a low income area of northern New York State. Data organized by characteristics of the farm operator, characteristics of the operator's family, and characteristics of the farm were analyzed by a chi-square statistical technique. Some conclusions were: (1) There was little difference among full-time farmers and part-time farmers in terms of characteristics of the farm operator and characteristics of the operator's family, (2) Part-time farmers were a heterogeneous group, (3) More difference was found between commercial part-time farmers and part-time farmers engaged in off-farm work than between commercial part-time farmers and full-time farmers, (4) The greatest number of significant differences were found between part-time farmers engaged in off-farm work and full-time farmers. Some implications were: (1) Change agents should decide if they are to serve part-time farmers and full-time farmers or concentrate on one group, (2) Change agents desiring to reach part-time farmers must be more readily available during evenings and on Saturdays, and (3) Much of the material and methods of working with full-time farmers would be appropriate for working with commercial part-time farmers. (DM)

VT 002 338
Coded Occupational Titles in Trade and Industrial Education.

Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
OE-84029
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS 5.284:84029, $.15).
Pub Date - 63 10p.

*TRADE AND INDUSTRIAL EDUCATION; *OCCUPATIONS; *NUMERIC CODES

This booklet lists occupations by title and Dictionary of Occupational Title (DOT) numbers for use in reporting trade and industrial education enrollments. It is designed to help close the gap in reporting occupational information on a national scale. There are 414 job titles listed with their corresponding DOT numbers. (EM)

VT 002 433
An Analysis of the Role that Schools of Vocational, Technical and Adult Education Play in Attracting and Enabling Business and Industrial Relocation and Expansion in Wisconsin.

Wisconsin State Board of Vocational, Technical, and Adult Education, Madison
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Feb67 31p.

QUESTIONNAIRES; *EMPLOYMENT OPPORTUNITIES; EMPLOYERS; EDUCATIONAL DEMAND; *EMPLOYER ATTITUDES; PERSONNEL SELECTION; *VOCATIONAL EDUCATION; RELOCATION; ECONOMIC PROGRESS; *EDUCATIONAL SUPPLY; *EDUCATIONAL PLANNING; SKILLED OCCUPATIONS
WISCONSIN

The objectives of this survey were to determine the extent to which newly relocated or expanded business and industry had (1) considered the availability of vocational education as a factor in relocating or expanding, (2) made use of vocational courses, (3) a need for skilled workers, and (4) suggestions for improvement of vocational offerings. Questionnaires were returned by 320 firms which relocated or expanded in 1962, 1965, and 1966. About 50 percent of these employed over 100 persons and were in towns having vocational programs. Some findings were (1) 60 percent indicated vocational schools had been of service to them, (2) about 50 percent attempted to recruit from such schools, (3) 75 percent encouraged employees to enroll in job related courses, (4) 40 percent offered incentives or had a policy of preferential treatment of persons who attended courses, (5) about 1,700 vocational students had been employed since relocation or expansion, and (6) about 2,400 skilled workers were needed by these firms. In general, the firms expressed satisfaction with the vocational programs. Data for each question are furnished in the report and specific suggestions from employers are reported. (EM)

VT 002 479
Cassara, Beverly B.; Langford, Ann
New England Committee on Training of Household Help. Conference Report (Goddard College, Plainfield, Vermont, December 13, 1967).

Goddard Coll., Plainfield, Vt.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 13Dec67 16p.

*OCCUPATIONAL HOME ECONOMICS; HOME MANAGEMENT; *SERVICE WORKERS; *MAIDS; *CONFERENCE REPORTS; WORKING WOMEN; *EDUCATIONAL NEEDS; STATUS; COMMUNITY SERVICES
*NEW ENGLAND COMMITTEE ON TRAINING OF HOUSEHOLD HELP, GODDARD COLLEGE, PLAINFIELD, VERMONT, DECEMBER 13, 1967

Objectives of the group were to: (1) become aware of household help training programs in the nation, (2) discuss nondeductibility of household wages, (3) focus attention on other New England projects, and (4) initiate a plan of action for the central Vermont area. Mrs. Evelyn Farber, Women's Bureau, commented on the need for a code of standards on wages, hours, etc., and the advantages of having an intermediary agency to train, place, supervise, and handle business details. Mrs. Anita Wells of the Treasury Department Office of Tax Analysis, explained why the cost of household help should not be tax deductible. Mrs. Dorothy Parrish described the In-Migrant Program of Boston. A Group Session unanimously concluded that state minimum wage laws would raise the status of the household worker. Other factors discussed were public apathy, problems unique to the rural area, cooperative programs between Goddard College and the Office of Economic Opportunity, homemaker aids in conjunction with the neighborhood youth corps, and public relations strategies. (FP)

VT 002 535
Labor Force Survey of Sheridan and Johnson Counties, Wyoming.

Wyoming Employment Security Commission, Casper. Research and Analysis Section
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 90p.

*OCCUPAIONAL SURVEYS; *LABOR FORCE; PROFILE EVALUATION; EMPLOYMENT; INDIVIDUAL CHARACTERISTICS; TABLES (DATA); DEMOGRAPHY; *EMPLOYMENT STATISTICS; EMPLOYMENT TRENDS; LABOR FORCE NONPARTICIPANTS; UNEMPLOYMENT; OCCUPATIONS
SHERIDAN COUNTY; JOHNSON COUNTY; WYOMING

Information for this study was obtained by personal interviews of a randomly selected sample of households. To achieve the desired reliability the two counties were divided into four areas: the cities of Sheridan and Buffalo, Sheridan County excluding urban Sheridan, and Johnson County excluding Buffalo. A sample size and blow up factor was computed for each of the four areas. Households were used as the sample unit with every member 14 years of age or over being interviewed. The interviewers took every "kth" dwelling after a random start. Dwellings which were obviously not occupied were not included. Dwellings which were apparently occupied but in which no contacts were made were followed up with return visits. The few households which could not be contacted were considered to have the same number of members as the rest of the households surveyed in their respective area. These non-respondents were considered when computing the blow up factor and total population, but no attempt was made to include them in any of the breakouts. Tables include: (1) population by age and sex, (2) covered work force summary, (3) covered employment, (4) primary activities of respondents during the reference week, (5) characteristics of workers, (6) characteristics of women keeping house, (7) characteristics of students, (8) seasonal employment, and (9) agricultural employment. Other graphic and tabular data are given. (EM)

VT 002 554
Technicians for Florida Industries.

Florida State Dept. of Education, Tallahassee. Technical and Health Occupations Education Section
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jan67 7p.

*TECHNICAL OCCUPATIONS; *INDUSTRY; *MANPOWER NEEDS; EMPLOYMENT TRENDS; *OCCUPATIONAL SURVEYS

Projections of the anticipated need for technicians in major technologies over the next 12 months were obtained by questionnaires from 2,300 Florida industries. This survey was a follow-up of a 1964 survey and was conducted to assist in planning for technical education. The 1967 survey indicates that over 29,000 technicians are employed in 14 technical fields. This represents an increase of over 100 percent since the 1964 survey. The top six fields by rank order were: (1) Electronics, (2) Mechanical, (3) Civil and Construction, (4) Drafting and Design, (5) Graphic Arts, and (6) Data Processing. The number of technicians will need to be increased by 25 percent during the next 12 months to meet the needs for present vacancies, replacements, and new positions. The greatest need appears to be in electronics, drafting and design, mechanical, civil and construction, and data processing. Other technical fields with substantial needs are: (1) Aeronautical, (2) Air Conditioning, Heating and Refrigeration, (3) Chemical, (4) Electrical, (5) Electromechanical, (6) Graphic Arts, (7) Industrial Engineering, (8) Instrumentation, and (9) Tool and Die Design. (HC)

VT 002 555 ED 032 380
Klutch, Murray
Mental Health Manpower, Volume I: An Annotated Bibliography and Commentary, and Volume II: Recruitment, Training and Utilization.

California Medical Association, San Francisco. Bureau of Research and Planning
California Medical Education and Research Foundation, San Francisco
National Institute of Mental Health (DHEW), Bethesda, Md.
California State Dept. of Mental Hygiene, Sacramento. Office of Planning
EDRS PRICE MF-$1.50 HC-$19.75
Pub Date - Nov65 393p.

*MENTAL HEALTH PROGRAMS; *MANPOWER NEEDS; RECRUITMENT; *HEALTH OCCUPATIONS EDUCATION; PROFESSIONAL EDUCATION; MANPOWER UTILIZATION; *ANNOTATED BIBLIOGRAPHIES; LITERATURE REVIEWS; EDUCATIONAL NEEDS; MENTAL HEALTH; TECHNOLOGICAL ADVANCEMENT; *OCCUPATIONAL SURVEYS; PSYCHIATRIC SERVICES

The study was designed to provide a base for mental health manpower planning. The first and principal section of Volume I is an annotated bibliography of applicable articles and books. An index lists items included in the bibliography according to subject and profession. A discussion of two conceptual approaches to alleviating the manpower shortage, and a section listing suggestions cited frequently in the literature are included. A final section includes four appendixes: (1) a list of organizations and individuals knowledgeable about manpower, (2) a bibliography of peripheral sources, (3) a partial listing of work currently being done in the field of mental health manpower, and (4) the analysis of a questionnaire designed to discover psychiatrists' conceptions of solutions to the shortage. Volume II includes (1) six papers representing a review of literature in the manpower field, (2) seven original papers dealing with particular aspects of the problem, (3) comments on the papers by manpower and mental health experts, (4) results of a survey of the views of training directors on psychiatric education, and a paper presenting suggestions for personnel recruitment and utilization, (5) results of the survey of psychiatric opinion, and (6) a selective summary of current research. (JK)

VT 002 574
Louisiana Study of Manpower and Training Needs--Auto Dealers, Services, Repair Shops, Miscellaneous Retail Stores, Miscellaneous Services.

Louisiana Vocational Curriculum Development and Research Center, Natchitoches
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 65 144p.

LABOR MARKET; *OCCUPATIONAL SURVEYS; EMPLOYMENT OPPORTUNITIES; *SERVICE OCCUPATIONS; *SALES OCCUPATIONS; *OCCUPATIONAL INFORMATION; *EMPLOYMENT PROJECTIONS; INDIVIDUAL CHARACTERISTICS; EMPLOYMENT STATISTICS; EMPLOYMENT QUALIFICATIONS; OCCUPATIONS; EMPLOYMENT PATTERNS; EQUAL OPPORTUNITIES (JOBS); EMPLOYMENT PRACTICES; EDUCATIONAL NEEDS
LOUISIANA

The objective was to determine the manpower and training needs for the state so that trade and vocational-technical school training could be more realistic. The report consists of three studies, using the questionnaire method and stratified random samples. A sample of 94 firms employing 2,513 workers in the fields of auto dealers, service and repair shops, revealed: (1) a need for a large number of trained mechanics and repairmen, (2) no experience requirements for 26 percent of the occupations, and (3) 44 percent of the jobs required a high school graduation. A sample of 16 respondents employing 204 in the fields of miscellaneous retail stores revealed: (1) The number of men and women employed are about equal, (2) Almost 50 percent were in the 46-65 age group, and (3) 46 percent of the jobs required high school graduation. Findings from a sample of 67 respondents employing 4,832 workers in miscellaneous services were: (1) 32 percent of the occupations had no experience requirement, (2) 11 percent of the employees were under 21 years of age, and (3) 49 percent of these jobs required high school graduation. Each study includes study highlights, findings, summary and conclusion. Tables, pie charts and graphs for detailed break-downs are also provided. Definitions of major occupational groups are in the appendix. (MM)

VT 002 581
Louisiana Study of Manpower and Training Needs in Manufacturing Occupations.

Louisiana Vocational Curriculum Development and Research Center, Natchitoches
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 65 136p.

*OCCUPATIONAL SURVEYS; *MANUFACTURING OCCUPATIONS; *OCCUPATIONAL INFORMATION; LABOR MARKET; *EMPLOYMENT PROJECTIONS; INDIVIDUAL CHARACTERISTICS; MANUFACTURING INDUSTRY; *EMPLOYMENT STATISTICS; OCCUPATIONS; WAGES; EMPLOYMENT QUALIFICATIONS; EMPLOYMENT PATTERNS; EMPLOYMENT OPPORTUNITIES; EQUAL OPPORTUNITIES (JOBS); EMPLOYMENT PRACTICES; EDUCATIONAL NEEDS
LOUISIANA

The purpose of this study was to determine the manpower and training needs for technical, skilled, office, medical, and health occupations in Louisiana. Data reported were obtained from personal interviews at 160 firms employing 50,167 workers. The stratified random sample represented 39.2 percent of the manufacturing industries. In 1965, 128,070 persons were employed in these industries in 197 jobs or occupations. Skilled and semi-skilled occupations accounted for 72 percent of these workers. Unskilled occupations accounted for 12 percent. Clerical and sales occupations accounted for slightly less than 10 percent. The age group between 21-45 years contained almost two-thirds of the workers and less than 1 percent was over 65 years of age. Formal in-plant training was given to 5 percent of the total work force. No experience was required for 19 percent of the occupations. Formal education was required for 21 percent of the jobs surveyed while 31 percent had no educational requirements. Only 1 percent required college graduation; 23 percent required apprentice training. Equal opportunities were found for either sex in 17 percent of the occupations. (EM)

VT 002 605
Major Agricultural Migrant Labor Demand Areas (By Month and Principal Crops).

Manpower Administration (DOL), Washington, D.C. Bureau of Employment Security
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 16p.

*MIGRANT WORKERS; *SEASONAL LABORERS; *MANPOWER NEEDS; *AGRICULTURAL PRODUCTION; MANPOWER UTILIZATION; EMPLOYMENT OPPORTUNITIES; AGRICULTURAL LABORERS

Designed to acquaint the pulic with the complexity of placing and scheduling domestic migratory agriculture workers, this reference includes 12 charts which present, by month, where migratory workers are usually employed to supplement local farm labor in the United States. No attempt was made to indicate the number of out-of-area workers employed or the exact duration of their stay. Areas utilizing significant numbers of migrant farm workers in production of apples, berries, cherries, citrus, nuts, peaches, fruits, beans, corn, peas, potatoes, tomatoes, vegetables, cotton, hay, small grain, speciality crops, sugar beets, sugar cane and tobacco are shown by month. Also included are addresses of state employment security agencies affiliated with the Bureau of Employment Security. (DM)

VT 002 707
Maddox, James G., And Others
The Advancing South; Manpower Prospects and Problems.

Twentieth Century Fund, New York, N.Y.
DOCUMENT NOT AVAILABLE FROM EDRS.
The Twentieth Century Fund, 41 East 70th Street, New York, New York 10021 ($6.50).
Pub Date - 67 290p.

*MANPOWER UTILIZATION; *INDUSTRIAL STRUCTURE; *NEGRO EMPLOYMENT; EMPLOYMENT TRENDS; EQUAL OPPORTUNITIES (JOBS); EMPLOYMENT QUALIFICATIONS; RACIAL DISCRIMINATION; ECONOMIC DEVELOPMENTS; RURAL URBAN DIFFERENCES; EDUCATIONAL NEEDS; WAGES; *ECONOMIC RESEARCH; *SOUTHERN STATES; ECONOMIC FACTORS; EMPLOYMENT PROJECTIONS

This study reports the basic changes that are taking place in the regional economy of the South as related to the national economy, and attempts to show how these changes are likely to affect both total employment and Negro employment during the next few years. In addition to bearing the burden of discriminatory wage rates, Negroes in the South do not share in employment in proportion to their numbers. Their future role in the southern economy obviously will be closely intertwined with the growth and development of the region as a whole. In order to study the nature, extent and sources of discrimination in the utilization of Negro manpower in the South, it was necesary to inquire into the forces which were likely to be the principal determinants of southern economic growth in the years ahead. Findings include: (1) The southern economy is shifting from rural agrarian to urban industrial, (2) There is a continuing shift from low-wage industries to the new manufacturing and service-producing industries, and (3) The demand for better educated, more skilled workers, technicians, professionals and managers is one which the educational system in the South is still inadequately equipped to supply. One striking feature of this survey is its projection of employment trends to 1975. (CH)

VT 002 820
Lisack, J.P.
Manpower Requirements for Industrial Illustrators and Draftsmen in the Indianapolis, Indiana Area. Manpower Report No. 67-1.

Purdue Univ., Lafayette, Ind. School of Technology
MF AVAILABLE IN VT-ERIC SET.
Office of Manpower Studies, School of Technology, Purdue University, Lafayette, Indiana 47907 ($1.25).
Pub Date - 10Apr67 63p.

OCCUPATIONAL SURVEYS; *DRAFTSMEN; *ILLUSTRATORS; SUBPROFESSIONALS; *TECHNICAL EDUCATION; *PROGRAM PLANNING INDIANAPOLIS; INDIANA

In order to assess the employment situation and provide information for educational planning, questionnaires were completed by 149 firms which employed 122,600 persons, or 68.5 percent of the employed population. The job titles of concern were: (1) beginning tracer, (2) junior draftsman, (3) senior draftsman, (4) drafting checker, and (5) design draftsman. This survey data plus other employment and educational information were synthesized into recommendations, such as: (1) A course in Production Illustration should be available, (2) Adult evening courses should be offered, (3) A special advisory committee should be formed, (4) Co-op and summer-experience should be developed, and (5) Despite a need for 34 illustrators, resources should be applied to meeting the larger need for draftsmen. (EM)

VT 003 972
Manpower Trends in Selected Paramedical Occupations.

Arizona State Employment Service, Phoenix
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun65 16p.

*HEALTH OCCUPATIONS; *MANPOWER NEEDS; *HEALTH OCCUPATIONS EDUCATION; PROFESSIONAL EDUCATION; EMPLOYMENT STATISTICS; *EMPLOYMENT PROJECTIONS; *PARAMEDICAL OCCUPATIONS; EMPLOYMENT TRENDS; OCCUPATIONAL SURVEYS ARIZONA

The study aimed at collecting data to answer the questions: (1) What are the general employment trends in the health services field? (2) What will be the projected need for specific paramedical occupations by 1970? (3) What can existing training facilities produce to supply the projected demand? and (4) What deficits will exist between projected demand and supply? Studies utilized were the Arizona State Employment Service's "Manpower Requirements and Training Needs Study," a Manpower Development and Training Act study of sources of health services training in Arizona, and the "Western Management Consultants Study of the Economy of Maricopa County." Information was also obtained from the State Department of Public Health, the State Board of Nurses Registry, physicians, and hospital personnel. A continuing pattern of employment growth throughout the state was found. At the time of the survey, 14,200 persons were employed in 16 health service occupations and it was projected that an additional 5,633 workers would be needed by 1970. Existing education facilities will not be able to supply this demand and a net deficit of 2,321 was projected. In order to correct the imbalance, the state will have to increase its supply of personnel from its own education facilities by a minimum of 50 percent. (JK)

VT 005 233 MP 000 512
Lecht, Leonard A.
Manpower Requirements for National Objectives of the 1970's.

National Planning Association, Washington, D.C. Center for Priority Analysis
EDRS PRICE MF-$1.75 HC-$23.25
Pub Date - Feb68 463p.

NATIONAL DEFENSE; *MANPOWER NEEDS; *LABOR MARKET; *OBJECTIVES; *EMPLOYMENT PROJECTIONS; *EMPLOYMENT STATISTICS; PUBLIC POLICY; AGRICULTURE; TECHNOLOGICAL ADVANCEMENT; DEMOCRATIC VALUES; INDUSTRY; NATURAL RESOURCES; DEVELOPMENT; SOCIAL WELFARE; HEALTH; HOUSING; SOCIAL PLANNING; EDUCATION; AEROSPACE TECHNOLOGY; TRANSPORTATION; URBAN RENEWAL; DEVELOPING NATIONS; ECONOMIC DEVELOPMENT; CONSUMER ECONOMICS; MANPOWER DEVELOPMENT

In 1960 President Eisenhower's Commission on National Goals listed a series of goals in 15 areas affecting most aspects of American life. This list was increased to 16 in 1961. The projections in this report deal with the amounts and kinds of manpower needed to achieve the 16 goals. The areas for which goals have been defined are (1) agriculture, (2) area redevelopment, (3) consumer expenditures, (4) education, (5) health, (6) housing, (7) international aid, (8) manpower retraining, (9) national defense, (10) natural resources, (11) private plant and equipment, (12) research and development, (13) social welfare, (14) space, (15) transportation, and (16) urban development. It is anticipated that, with growth in Gross National Product approximating 4.5 percent a year between 1964 and 1975, total civilian employment will reach a level of approximately 88 million in 1975. Achieving all 16 goals is estimated to require the civilian employment of 101 million persons by 1975, or an annual increase in employment averaging 3.4 percent. The estimated manpower requirements for 1962 and projected 1975 for each of the 16 goals are presented and discussed. The 248-page appendixes include the procedures and problems of estimating manpower requirements for national objectives, an abstract of standards for goals, and 225 pages of statistical tables. (PS)

VT 005 822
Nursing Needs and Resources in Michigan Today and Tommorow.

Michigan League for Nursing, Detroit
Michigan Nurses Association, Detroit

Cunningham Drug Co. Foundation, Detroit, Mich.
MF AVAILABLE IN VT-ERIC SET.
Michigan League for Nursing, Room 314, 51 West Warren Avenue, Detroit, Michigan 48201 ($3.00).
Pub Date - Jun66 70p.

*NURSING; *HEALTH PERSONNEL; NURSES; PRACTICAL NURSES; NURSES AIDES; *MANPOWER NEEDS; EMPLOYMENT STATISTICS; EMPLOYMENT PROJECTIONS; *EDUCATIONAL NEEDS; LABOR FORCE NONPARTICIPANTS; MANPOWER UTILIZATION; *LABOR SUPPLY; EDUCATIONAL BACKGROUND; EDUCATIONAL SUPPLY

As a basis for a future plan to meet the nursing needs of the people of Michigan, data were obtained about present and projected nursing needs and resources. Some conclusions were: (1) The amount of registered nurse service time has decreased in the past decade in relation to the population of the state, despite an increase in the number of registered nurses, (2) Most of the nursing fields have a short supply of nurses and their needs are growing, (3) Michigan has educated too few nurses and is retraining too few of those it educates, (4) The proportion of college age youth entering nursing has decreased, (5) There is a large percentage of inactive registered nurses approaching the age of 40, but there is a risk in relying too heavily upon these nurses, (6) There is increasing demand for registered nurses in supervision, teaching, and administration, and a large proportion of nurses in these fields as well as in public health are not academically prepared for their positions, and (7) The present enrollment capacity of practical nursing schools appears adequate. Recommendations are presented under the topics: (1) expansion of education facilities, (2) alleviation of critical faculty shortage, (3) development of nurses for leadership positions, (4) improvements in availability and utilization of nurses, (5) improvement of efforts to increase the supply of nurses, and (6) study of specific problems. (JK)

VT 005 842 ED 025 603
Annual Vacations and Vacation Laws: Recent Developments in the United States and Abroad. A Report Prepared for the Select Subcommittee on Labor.

Congress of the U.S., Washington, D.C. House Committee on Education and Labor
EDRS PRICE MF-$0.25 HC-$2.00
Pub Date - Mar67 38p.

*LEAVE OF ABSENCE; INDUSTRY; *EMPLOYMENT PRACTICES; *FOREIGN COUNTRIES; *EMPLOYER ATTITUDES; WORKING HOURS; *FEDERAL LEGISLATION; LABOR LAWS; PROGRAM PLANNING; ECONOMIC RESEARCH
SELECT SUBCOMMITTEE ON LABOR; COMMITTEE ON EDUCATION AND LABOR; HOUSE OF REPRESENTATIVES

The paid annual vacation is now the rule rather than the exception in conditions of employment in the United States. Collective bargaining and unilateral decisions by employers have increased the length of paid annual vacations and reduced qualifying periods of employment for millions of workers. In recent years the 4-week annual vacation has become the ultimate reward of long-service employees and the 3-week vacation has replaced the 2-week vacation. However, there is much reluctance to extend these rewards to other than long-service employees. Statistical data on which to base firm vacation-cost estimates are not available presently. The employer's desire to keep down costs is the most plausible explanation for not expanding vacation benefits to more workers. But universal 3-week annual vacations for full time employees would approximate the increased cost, per employee hour worked, which is regularly negotiated or granted unilaterally with unions. Vacation developments in Austria, Belgium, Denmark, Finland, France, Western Germany, Great Britain, Ireland, Italy, the Netherlands, Norway, Sweden, Switzerland, Australia, New Zealand, and Canada are summarized. (EM)

VT 005 969 ED 031 551
Human Resources for Industrial Development; Some Aspects of Policy and Planning. Studies and Reports, New Series, No. 71.

International Labour Office, Geneva (Switzerland)
EDRS PRICE MF-$1.00 HC-$11.95
Public Information Branch, International Labor Office, 917 Fifteenth Street, N.W., Washington, D.C. 20005 ($2.50).
Pub Date - 67 237p.

*HUMAN RESOURCES; SOCIAL PROBLEMS; *INDUSTRIALIZATION; PROGRAM PLANNING; *POLICY FORMATION; MANPOWER UTILIZATION; WAGES; JOB SKILLS; JOB TRAINING; EDUCATIONAL PROGRAMS; EMPLOYMENT; *DEVELOPING NATIONS; MANPOWER NEEDS; *MANPOWER DEVELOPMENT; EDUCATIONAL STRATEGIES; EMPLOYMENT PROBLEMS; TECHNOLOGICAL ADVANCEMENT

Major manpower and social problems encountered by developing countries in the process of industrial development, and action to be taken both at the national and international levels comprise the substantive focus of this document. The document is a collection of papers prepared by the International Labor Office. Part I, "Manpower for Industry," addresses problems such as the determination of goals, quantitative and qualitative, to be achieved in the education and training of skilled industrial manpower; the special role of industry itself in development of skills; and measures to insure the best possible use of available skilled manpower. Part II, "Other Policy Issues" concerns the active participation of different social groups in industrialization, job displacement resulting from industrialization, and sharing the proceeds of industrial development.Three types of international action were discussed: (1) Provision of advice, equipment, and qualified technical personnel under technical cooperation programs, bilateral and multi-lateral, (2) financial assistance, and (3) joint action by developing countries which share common problems. (CH)

VT 006 364
Klaassen, Leo H.
Area Economic and Social Redevelopment; Guidelines for Programmes. Developing Job Opportunities 1.

Organisation for Economic Co-Operation and Development, Paris (France). Social Affairs Div.
MF AVAILABLE IN VT-ERIC SET.
OECD Publication Center, Suite 1305, 1750 Pennsylvania Avenue, Washington, D.C. 20006 ($4.50).
Pub Date - 65 109p.

*ECONOMIC DEVELOPMENT; *DEPRESSED AREAS (GEOGRAPHIC); MODELS; *CONCEPTUAL SCHEMES; URBAN RENEWAL; ECONOMIC RESEARCH; VOCATIONAL EDUCATION; AGENCIES; POLICY FORMATION; GOVERNMENT ROLE; INTERNATIONAL PROGRAMS; *SOCIAL DEVELOPMENT; COMPARATIVE ANALYSIS; *ECONOMIC RESEARCH; MANPOWER UTILIZATION
ECONOMIC COOPERATION AND DEVELOPMENT ORGANIZATION

Methods of organizing national and local agencies, research programs, and policy for redeveloping job opportunities in distressed areas were investigated to identify the major problems and indicate possible approaches to their solution. Content of this report discusses: (1) introduction and statement of the problem, (2) distressed areas as a relative concept, (3) comparative studies as a necessary basis for area development policy, (4) government policy on area redevelopment, (5) local development, (6) basic research, (7) conditions which must be fulfilled in the problem area, (8) general aspects of area redevelopment, (9) special features of redevelopment policy for different distressed areas, (10) hidden potentialities, and (11) area redevelopment policy and physical planning. Some basic conditions necessary to solve current problems. were described as training, retraining, other educational programs, an infrastructure, housing programs, and other amenities. Countries represented in the development of this report were Austria, Belgium, Canada, Germany, France, Italy, Norway, United Kingdom, and the United States. (DM)

VT 006 381
Klein, Viola
Women Workers--Working Hours and Services. Employment of Special Groups 1.

Organisation for Economic Co-Operation and Development, Paris (France). Social Affairs Div.
MF AVAILABLE IN VT-ERIC SET.
OECD Publication Center, Suite 1305, 1750 Pennsylvania Avenue, Washington, D.C. 20006 ($2.50).
Pub Date - 65 95p.

*LABOR ECONOMICS; *WORKING WOMEN; FEMALES; MANPOWER UTILIZATION; SOCIOCULTURAL PATTERNS; *COMMUNITY SERVICES; *WORKING HOURS; QUESTIONNAIRES; EMPLOYMENT; PARENT ROLE; STATUS; EMPLOYMENT PRACTICES
EUROPE; UNITED STATES; CANADA

A comparative study was initiated into the working hours and time schedules women workers with family responsibilities in twenty-one countries to discover what desirable and practical adjustments would enable women to perform their dual functions with a minimum of stress. Part I of this report outlines the current position of women on the labor market in member countries, surveys the most important changes between 1950-1960 and defines the nature of the problems. Part II describes the working hours and time tables of various sectors of the economy for different types of employees; it sets forth the use made of part-time workers in industrial and service occupations, and the extent to which special facilities exist for women workers. Part III deals with services provided by local authorities, public welfare agencies and voluntary organizations which may assist women workers in the discharge of their family responsibilities. Part IV illustrates the effect of the number of children and their age on the total work load of working mothers. Part V considers the extent to which services and businesses cater to the needs of working women. The document is illustrated with charts and graphs. The bibliography is organized according to country. (FP)

VT 006 424 ED 029 949
Kuvlesky, William P.
The Social-Psychological Dimensions of Occupational Mobility.

EDRS PRICE MF-$0.25 HC-$1.75
Pub Date - 66 33p.; Paper presented at the National Vocational-Technical Education Seminar on Occupational Mobility and Migration (Raleigh, April 18-22, 1966).

*OCCUPATIONAL ASPIRATION; *OCCUPATIONAL MOBILITY; *SOCIAL PSYCHOLOGY; SOCIAL FACTORS; SOCIAL MOBILITY; SOCIAL STATUS; ECONOMIC STATUS; MODELS; *CONCEPTUAL SCHEMES; JOB PLACEMENT; MANPOWER UTILIZATION; JOB SATISFACTION; CAREER PLANNING; *OCCUPATIONAL CHOICE

The broad purpose of this paper is to develop the outline of a conceptual scheme that includes the major social-psychological parameters impinging upon the occupational placement process. The major importance of occupational placement can be viewed from at least two interrelated perspectives: the needs of society in fulfilling required positions in such a way that the system will operate efficiently, and the needs of the individual trying to find a place in the occupational structure that will help him satisfy his felt needs. This conceptual scheme focuses on two major areas of orientation: (1) status orientations, that is, aspirations and expectations, and (2) job preference, that is, non-status orientations such as to work with people or to have a chance to travel. Although prior studies suggest a weak to moderate positive association between occupational aspiration and subsequent behavior, it is concluded that almost nothing is known empirically about the nature or extent of the relationship of occupational expectations to long-run occupational status attainment. (CH)

VT 006 629 ED 032 389
Major BLS Programs, A Summary of Their Characteristics.

Bureau of Labor Statistics, Washington, D.C.
EDRS PRICE MF-$0.50 HC-$3.05
Pub Date - 68 59p.

*STATISTICAL DATA; *INFORMATION SOURCES; *INFORMATION SERVICES; BOOKLISTS; *RESEARCH TOOLS; ECONOMIC RESEARCH; LABOR ECONOMICS; FEDERAL PROGRAMS; INFORMATION UTILIZATION; *INFORMATION DISSEMINATION; DOCUMENTATION
*BUREAU OF LABOR STATISTICS; BLS

The purpose of this document is to summarize the scope and and characteristics of more than 50 programs of data collection, compilation, analysis, and dissemination operated by the Bureau of Labor Statistics. Using a tabular format accompanied by a brief description, programs are presented under the headings of: (1) Manpower and Employment, (2) Prices and Living Conditions, (3) Wages and Industrial Relations, (4) Productivity, Technology, and Growth, and (5) Foreign Labor and Trade. For each program or activity the following are listed: (1) available data, (2) program variable or population coverage, (3) sources of data, (4) the reference period, (5) publication schedule, (6) publications and their cost, and (7) the uses of results. A table giving available data by city or state is included. (EM)

VT 006 712
Employee Relations 1984; A Presentation at the 39th NAM Institute on Industrial Relations.

Sibson and Co., Inc., New York, N.Y.
National Association of Manufacturers, New York, N.Y.
MF AVAILABLE IN VT-ERIC SET.
Distribution Services, National Association of Manufacturers, 149 East 26th Street, New York, New York 10010 ($.25).
Pub Date - 67 17p.; Paper presented at NAM Institute on Industrial Relations (39th, 1967).

*EMPLOYER EMPLOYEE RELATIONSHIP; *EMPLOYMENT PROJECTIONS; *EMPLOYMENT TRENDS; *ENVIRONMENTAL INFLUENCES; *MANPOWER NEEDS; ECONOMIC FACTORS; RECRUITMENT; LABOR SUPPLY; PLANNING; TABLES (DATA)
1984

Environmental conditions will exist by the year 1984 which are likely to affect the utilization of human resources within businesses. This monograph illustrates the type of information needed for business planning, and presents illustrative and informative material which management may find useful in the operation of business and should find essential in appropriate planning of business. The environmental conditions discussed include: labor supply and demand projections, company manpower projection, labor market conditions, compensation projections, compensation administration, state of labor relations, management technology, business organization and management practices, governmental considerations, business economics, and employee relations climate. Areas for which illustrations material are presented include: labor demand characteristics, employment requirements, manpower distribution, cost of recruitment, and compensation projections. (CH)

VT 006 806
Martin, Dennis
Manpower in Oklahoma: Mid-Eastern Region.

Oklahoma State Employment Service, Oklahoma City. Research and Planning Div.
Oklahoma State Dept. of Vocational-Technical Education, Oklahoma City
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jul68 54p.

*MANPOWER NEEDS; *EMPLOYMENT PROJECTIONS; *EMPLOYMENT STATISTICS; *OCCUPATIONAL SURVEYS; *JOB MARKET; EMPLOYER ATTITUDES; LABOR FORCE; EMPLOYMENT OPPORTUNITIES; LABOR SUPPLY; LABOR TURNOVER; OCCUPATIONAL INFORMATION; EMPLOYMENT
OKLAHOMA

To compile information concerning the labor force for use in curriculum development for area vocational schools, questionnaires were obtained from 119 of 157 firms in the sample. Expansions of obtained data to the universe of mideastern Oklahoma indicated an increase of 6.4 percent in nonfarm employment from June 1967 to June 1969. By June 1972, an increase of 12.7 percent was anticipated. All nonfarm wage and salary industry divisions should experience growth in both the 2- and 5-year spans. The greatest percentage increase is expected to occur in the mining industry. The largest absolute change is forecast for government. Sales jobs should experience the largest percent advance of the major occupational groups. Greatest opportunity for employment is indicated for jobs falling within the professional-technical-managerial occupational group. The largest mideastern Oklahoma occupational categories in June 1967, in order of size were: sales clerk, nurse aide-orderly, elementary teacher, secondary teacher, cook, commodity salesman and sales person, general office clerk, waitress or waiter, secretary, and heavy equipment operator. The relative ranking of these occupations was expected to remain approximately the same over the next 5 years. Tables and colored illustrations present the data in detailed form. For a listing of related reports see VT 007 425. (DM)

VT 006 839
Zaidi, Mahmood A., And Others
Preliminary Bibliography on Job Vacancies.

Minnesota Univ., Minneapolis. Industrial Relations Center
EDRS PRICE MF-$0.25 HC-$0.60
Pub Date - 67 10p.

*EMPLOYMENT OPPORTUNITIES; *MANPOWER NEEDS; *OCCUPATIONAL SURVEYS; JOB MARKET; DATA COLLECTION; DATA ANALYSIS; *BIBLIOGRAPHIES; EMPLOYMENT STATISTICS; MEASUREMENT

As manpower programs have come to engage an ever-larger fraction of public attention and resources, the need for collecting and analyzing job vacancy information has become acute. This bibliography, designed to promote research and improve understanding of job vacancies, includes only those relevant titles which are of major importance and which are easily accessible. Among the 106 materials listed are books, periodicals, government reports, and dissertations. The publication dates ranges from 1932 to 1967, with most dating in the 1960's. Publications emanating from and concerning other countries are included. Among the authors whose works are cited are: Bakke, Bowen, Dunlop, Fine, Hansen, Kerr, Levine, Myers, Parnes, Rees, Ross, Stigler, Wolfbein, and Yoder. (ET)

VT 006 862 ED 023 879
Duncan, Otis Dudley, And Others
Socioeconomic Background and Occupational Achievement: Extensions of a Basic Model. Final Report.

Michigan Univ., Ann Arbor
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$1.25 HC-$15.70 OEC-5-85-072 08
BR-5-0074

Pub Date - May68 312p.

*SOCIOECONOMIC BACKGROUND; BEHAVIORAL SCIENCE RESEARCH; STATISTICAL ANALYSIS; *OCCUPATIONAL MOBILITY; *STATUS; *OCCUPATIONS; EMPLOYMENT EXPERIENCE; SOCIOECONOMIC INFLUENCES; OCCUPATIONAL ASPIRATION; MODELS; *ACHIEVEMENT; ETHNIC ORIGINS; RACE; FAMILY ENVIRONMENT; INTELLIGENCE; ASPIRATION; MOTIVATION; MARITAL STABILITY; CHILDREN; INCOME

To synthesize knowledge concerning factors which affect occupational achievement through a set of explicit models based upon the concept of the socioeconomic life cycle, six major bodies of data from various sources were collected and subjected to secondary analysis. A number of items of lesser scope were gleaned from additional sources for use in particular analyses. The technique of path analysis was utilized as a methodological approach for interpreting choice of appropriate statistics. The basic model of occupational achievement specifies family socioeconomic background and educational attainment as influences on the level of occupational status achieved. National origin, race, family size, stability, intelligence, aspirations, motivation, influences of others, first job, migration, disruption of marriage, fertility, and child spacing were used in elaborations of the basic model, and income, subjective achievement, and occupational status were utilized as outcomes. Analysis of substantial bodies of data provided estimates of the relative strength of factors influencing achievement for the adult male population. (DM)

VT 006 864 ED 028 251
Gilpatrick, Eleanor
Train Practical Nurses to Become Registered Nurses: A Survey of the PN Point of View. Research Report Number 1.

New York City Univ., N.Y. Research Foundation
New York City Dept. of Hospitals, N.Y.
Office of Economic Opportunity, Washington, D.C.
EDRS PRICE MF-$0.50 HC-$6.10 CG-8783 A/0
Pub Date - Jun68 120p.

*PRACTICAL NURSES; PRACTICAL NURSING; NURSES; PROGRAM DEVELOPMENT; CURRICULUM; CLINICAL EXPERIENCE; SURVEYS; EDUCATIONAL MOBILITY; OCCUPATIONAL MOBILITY; EQUIVALENCY TESTS; *HEALTH OCCUPATIONS EDUCATION; *OCCUPATIONAL ASPIRATION; QUESTIONNAIRES; *EDUCATIONAL INTEREST; PROGRAM LENGTH; EDUCATIONAL NEEDS; STUDENT COSTS; ROLE PERCEPTION; *INDIVIDUAL CHARACTERISTICS

To secure information about the characteristics of the practical nurse population and their opinions about registered nurse preparation, questionnaires were distributed to 2,923 practical nurses employed by the New York City Municipal Hospitals. Usable questionnaires numbered 2,361 or 81 percent of the employed PN population. Approximately 9 percent of the practical nurses were already studying to become registered nurses and at least 66.5 percent were interested in so doing. The practical nurses considered basic training in nursing theory and clinical practice important, and rated practical nurse experience more important than academic courses in the preparation of the RN. Recommendations resulting from the study included a half-time work, half-time study, full income plan to upgrade nurse aides to practical nurses and practical nurses to registered nurses, financed, except for tuition, by cost of salaries represented by position vacancies; and reduction of training time through such approaches as proficiency testing and coverage of required clinical experience during working hours. (JK)

VT 006 913 ED 022 956
Robinson, George A., And Others
A Study to Determine the Need for a Veterinary Aide Training Program in Kansas.

Kansas Vocational Education Research Coordinating Unit, Topeka
Kansas Veterinary Medical Association, Herington
Kansas State Board for Vocational Education, Topeka
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.80 OEG-6-062725-2211 08
BR-6-2725

Pub Date - Jun68 34p.

*EMPLOYMENT OPPORTUNITIES; *EDUCATIONAL NEEDS; AGRICULTURAL EDUCATION; *VETERINARY ASSISTANTS; POST SECONDARY EDUCATION; SURVEYS; EMPLOYER ATTITUDES; ON THE JOB TRAINING; FEASIBILITY STUDIES; PROGRAM DEVELOPMENT KANSAS

To determine the need for a veterinary aide training program, a study was conducted to: (1) discover the need for trained veterinary aides, (2) ascertain the type and extent of training needed, and (3) provide a sound basis for developing a post-secondary training program. Responses to mailed survey instruments were received from 159 of 500 veterinarians listed by the Kansas Veterinary Medical Association. Findings were: (1) 42 percent expressed an interest in employing veterinary aides from a proved training program, (2) Extrapolation from the above data revealed a need for 304 veterinary aides in 278 practices, (3) 43 percent would use the veterinary aide in a clinic situation and 48 percent in a combination field and clinic, (4) 63 percent would use aides in large animal and [illegible]5 percent in small animal practices, and (5) The estimated average starting wage would be $78.56 per week. Some recommendations were (1) that plans be initiated to establish a pilot veterinary aide training program, (2) that the agricultural education division work with a special advisory committee in curriculum development and on-the-job training programs, (3) that considerable on-the-job experience be provided with cooperating veterinarians, and (4) that the program be a certificate program based upon satisfactory completion of training requirements. (DM)

VT 006 918 ED 022 958
Wallenstien, Robert J.
Knowledges Commonly Useful in Twelve Allied Health Occupations. Report No. 25. Final Report.

Washington State Univ., Pullman . Dept. of Education
Washington State Coordinating Council for Occupational Education, Olympia
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$5.45 OEG-4-7-070031-1626 08
BR-7-0031

Pub Date - Aug68 107p.

*HEALTH OCCUPATIONS; HEALTH PERSONNEL; *HEALTH OCCUPATIONS EDUCATION; CORE CURRICULUM; CURRICULUM DEVELOPMENT; JOB ANALYSIS; BIOLOGICAL SCIENCES; PHYSICAL SCIENCES; BEHAVIORAL SCIENCES; *EDUCATIONAL NEEDS; RATING SCALES

Forty-eight instructors and forty-one practitioners representing 12 occupations (dental assistant, dental laboratory technician, inhalation therapist, medical assistant, medical records technician, associate degree nurse, pratical nurse, occupational therapist, physical therapist, X-ray technician, medical secretary, and medical laboratory assistant) rated 279 items of knowledge from the various sciences, psychology, and sociology as "not needed," "helpful," or "essential." Groups of basic knowledges from the fields of anatomy and physiology were judged "helpful" or "essential" by 60 percent or more of the respondents representing all the occupations. Respondents in all fields except medical records and occupational therapy indicated need for knowledge of microbiology. Respondents representing occupational therapy were the only ones who indicated no need of chemistry, while respondents from all occupations indicated need for some knowledge of physics. Only respondents in the laboratory field indicated that knowledge of psychology and sociology would not be useful. Respondents representing the field of medical records indicated a slight need for chemistry, physics, and microbiology knowledges and a greater need for familiarity with terminology associated with human anatomy and physiology. The hypothesis that certain cores of knowledge are commonly useful in the 12 occupations was supported. (JK)

VT 006 933 MP 000 591
Delehanty, George E.; Evans, Robert, Jr.
Low-Wage Employment: An Inventory and An Assessment.

Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.40 91-20-06
Pub Date - nd 86p.

WAGES; *INDUSTRY; INCOME; *LOW INCOME; MINIMUM WAGE; *OCCUPATIONS; PRODUCTIVITY; *LABOR ECONOMICS; UNIONS; COLLECTIVE BARGAINING; FRINGE BENEFITS; CAPITAL OUTLAY (FOR FIXED ASSETS); REWARDS; MARKETING; EMPLOYEES; INDIVIDUAL CHARACTERISTICS; UNEMPLOYMENT; OCCUPATIONAL MOBILITY; INFORMATION SOURCES; *EMPLOYMENT PATTERNS

The extent and causes of low-wage employment were explored under the categories of industry and occupation. Data were taken from the Census of Population, Census of Manufacturers, Occupational Earnings by Cities, studies of the impacts of minimum wages, monograph reports, and other secondary sources. If an industry was estimated to have one-fifth of its employees working at less than $1.50 per hour, it was classed as a low-wage industry. Of the 142 manufacturing industries classified with three-digit category of the Standard Industrial Classification Code, 33 were characterized as low-wage. If, in 1959, 23 percent or more of the workers in a given occupation were earning below $3,000, the occupation was considered low-wage. Almost one in every five occupations was low-wage by this definition. Causes for low-wage employment were sought in terms of personal or structural factors, but data were not consistent. It was hypothesized that as long as inequalities of abilities, tastes, and various assets existed on both the supply and demand sides of the labor market, the earnings distribution would be unequal. Programs which would artificially raise the prices of labor and product were suggested as being more effective solutions to the low-wage problem than efforts to increase worker productivity through investments in the education, skill, and training of the individuals themselves. Eight tables are included. (ET)

VT 006 934 MP 000 592
The Rhode Island Skill Survey, 1968 and 1971.

Rhode Island Dept. of Employment Security, Providence
EDRS PRICE MF-$0.25 HC-$2.35
Pub Date - Oct67 45p.

*OCCUPATIONAL SURVEYS; *EMPLOYMENT PROJECTIONS; EMPLOYMENT PATTERNS; INDUSTRIAL TRAINING; *MANPOWER NEEDS; INDUSTRY; VOCATIONAL EDUCATION; ENROLLMENT PROJECTIONS
RHODE ISLAND

Questionnaires were mailed to a stratified random sample of 2,172 establishments, whose combined employment of 204,648 workers was 64 percent of all wage and salary employees in nonagricultural industries in 1966. Some 1,300 employers having a total employment of 124,994 returned the questionnaires concerning the characteristics of labor demand at present and projected to 1968 and 1971. Among the survey highlights were: (1) Through 1971, a total of 84,907 job openings are expected as a result of expansion (29,490) and replacement (55,417) needs, (2) By 1968, a total of 41,226 job openings were expected, (3) In-plant training programs appear grossly inadequate to meet the expected demand for skilled workers since only 7 percent of the 1968 openings and 6.6 percent of the 1971 openings will be filled as a result of company programs, (4) Manufacturing employment, led by metals and machinery, will increase at about the same pace as nonmanufacturing employment, where wholesale and retail trade is leader, (5) The rate of growth as predicted by employers is 3.4 times higher than that forecast in a 1960 survey, (6) By 1971, the State's population should reach 940,000 and the labor force 396,000, and (7) The labor force participation rate will rise from 41 percent in 1966 to around 45 percent in 1971. Included among the several tables are two giving projections of the number of graduates from state vocational education courses. (ET)

VT 006 935 MP 000 593
E and D Older Worker Project, Louisville, Kentucky; Evaluation Report, October 1966, November 1967.

Kentucky Bureau of Employment Security, Louisville
Office of Manpower Policy, Evaluation and Research (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$0.85
Pub Date - 1Feb68 15p.

*OLDER ADULTS; *JOB PLACEMENT; *VOCATIONAL COUNSELING; *VOLUNTEERS; NEIGHBORHOOD CENTERS; VOLUNTEER TRAINING; URBAN AREAS; SITE SELECTION; TRANSPORTATION; EMPLOYMENT; PROGRAM EFFECTIVENESS; JOB APPLICANTS; INDIVIDUAL CHARACTERISTICS; *EMPLOYMENT SERVICES
LOUISVILLE; KENTUCKY

The purpose of this report is to review the effectiveness of neighborhood employment centers which are designed to provide services to older workers through the use of volunteer placement interviewers. Two such centers were able to recruit and offer services to a total of 973 job applicants, of which 405 (42 percent) were placed in full-time or permanent part-time jobs. Of the total applicants served by the project offices, only 360 (37 percent) had applied to the local employment service office in the previous year. Based on their experiences, the project staff concluded: (1) Neighborhood placement services for older workers are feasible and can be effective, (2) Recruitment and training of volunteers can be satisfactorily accomplished, and (3) A neighborhood facility can find and develop job opportunities in addition to those generally listed through the regular employment service. Recommendations included a budget adequate to provide for necessary housing and facilities, adequate research relative to the location of the center, reliable sources of volunteer workers in adequate numbers and some formal training for volunteers in the initial stages of such projects. Related documents are VT 006 936 and VT 006 937, both in this issue. (CH)

VT 006 936 MP 000 594
E and D Older Worker Project, Louisville, Kentucky; Statistical Report.

Kentucky Bureau of Employment Security, Louisville
Office of Manpower Policy, Evaluation and Research, (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.35
Pub Date - 1Feb68 25p.

STATISTICAL DATA; *OLDER ADULTS; *VOLUNTEERS; *EMPLOYMENT OPPORTUNITIES; *JOB APPLICANTS; NEIGHBORHOOD CENTERS; *EMPLOYMENT SERVICES; EMPLOYMENT EXPERIENCE; INDIVIDUAL CHARACTERISTICS

This statistical report consists of three tables which provide supporting information for the narrative report (VT 006 935 in this issue). Table I describes 47 volunteer workers within the neighborhood employment centers. Descriptive information includes the source of the volunteers, employment status while serving as a volunteer, the number of volunteers who were neighborhood residents, age of the volunteers, number of weeks worked on the project, and functions of the volunteers. Table II describes the applicants by sex, age, and employment status at time of application. Table III describes job openings according to whether the job was filled by the project, filled by other than the project, cancelled, or unfilled at the time the project ended. (CH)

VT 006 937
E and D Older Worker Project Louisville, Kentucky; Random Sampling of Placements by: Sex, Job Title, Wage Scale, Wage Classification, Duration of Job, Applicant's 3 Digit Occupational Code.

Kentucky Bureau of Employment Service, Louisville
Office of Manpower Policy, Evaluation and Research (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.60
Pub Date - 68 30p.

STATISTICAL DATA; *OLDER ADULTS; *JOB PLACEMENT; VOLUNTEERS; *EMPLOYMENT SERVICES; JOB DEVELOPMENT; JOB APPLICANTS; EMPLOYMENT OPPORTUNITIES; *OCCUPATIONAL INFORMATION; NEIGHBORHOOD CENTERS

Charts displaying random samples of placements by categories identified in the title and by length of time on original job constitute the body of this report. Information supporting the findings of the narrative report (VT 006 935, in this issue) and of the statistical report (VT 006 936, in this issue) is presented in the appendix in chart and table form and is based upon random samples of the applicants served by the neighborhood employment centers. In Part I, eight charts show the various activities of the two offices for each month of operation. In Part II, eight charts show the relationship of activities for each month of operation, and in Part III, seven tables indicate the effectiveness of the volunteers in such activities as job-development attempts, jobs developed, referrals, and placements. (CH)

VT 006 939 MP 000 597
Manual for the Minnesota Satisfaction Questionnaire. Minnesota Studies in Vocational Rehabilitation, XXII.

Minnesota University, Minneapolis. Industrial Relations Center
Vocational Rehabilitation Administration (DHEW), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$6.50 RD-1613-G
Pub Date - Oct67 128p.

*QUESTIONNAIRES; *VOCATIONAL ADJUSTMENT; TEST RELIABILITY; *JOB SATISFACTION; MEASUREMENT INSTRUMENTS; TEST INTERPRETATION; VOCATIONAL REHABILITATION; TEST VALIDITY; TESTING; *TEST CONSTRUCTION; EMPLOYERS; INDIVIDUAL CHARACTERISTICS; *TEST RESULTS
*MINNESOTA SATISFACTION QUESTIONNAIRE; MSQ

This monograph describes the Minnesota Satisfaction Questionnaire as a measure of one of the primary indicators of work adjustment. It is intended to serve as a manual for use of the questionnaire; therefore, it includes development and normative data on two forms of the questionnaire, a 21-scale long form and a 3-scale short form. This publication is one of a series resulting from the Minnesota Studies in Vocational Rehabilitation. These studies were begun in 1957 and have two general objectives: the development of diagnostic tools for assessing the work adjustment "potential" of applicants for vocational rehabilitation, and the evaluation of work adjustment outcomes. Because the Minnesota Satisfaction Questionnaire provides a more individualized picture of worker satisfaction, it is anticipated that such knowledge will facilitate the development of vocational plans that will enhance both client satisfaction and client tenure on the job. It may be administered by mail, if proper controls are used, or in an interview setting. Authorization to use the questionnaire can be obtained by writing to the Work Adjustment Project, Industrial Relations Center, University of Minnesota, Minneapolis, Minnesota. (CH)

VT 006 940 MP 000 598
Keyserling, Mary Dublin
Womanpower--An Underutilized Resource; The Status and Future Plus Some Surprising Trends.

American Society for Training and Development, Madison, Wis.
EDRS PRICE MF-$0.25 HC-$0.55
Training and Development Journal; Apr 1968.
Pub Date - 68 9p.; Reprint.

*WORKING WOMEN; *EMPLOYMENT LEVEL; *EMPLOYMENT PATTERNS; *ECONOMIC STATUS; *EDUCATIONAL STATUS COMPARISON

The number of women wage earners has more than doubled since 1940. Among the more than 28 million women in today's labor force are nearly half of all women between the ages of 18 and 64. Representing 37 percent of the total work force, women are employed in every one of the job categories listed in the latest census. Nevertheless, the skills of women are not by any means adequately utilized. Women tend to be concentrated in the less skilled, lower paid occupations. Since earnings are one index of relative location in the job structure, 26 percent of all women who worked year round and full-time in 1966 had money incomes of less than $3,000. Only 8.5 percent of all men so employed were in that income bracket. More than two-thirds of allwomen working year round and full-time had money incomes of less than $5,000. Fewer than one-fourth of all men in year round, full-time employment were in this same income category. Relatively few women attain higher reaches of the income scale. Fewer than 1 percent had wage and salary incomes of $10,000 or more in 1966. Nineteen times as large a proportion of men were in this category. Other topics covered by this report include professional fields, employment policies, educational requirements, and legislation. (CH)

VT 006 944 MP 000 602
Waldman, Elizabeth
Employment of High School Graduates and Dropouts in 1966. Special Labor Force Report No. 85. Reprint No. 2537.

Bureau of Labor Statistics (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.00
Bureau of Labor Statistics, U.S. Department of Labor, 14th Street and Constitution Avenue, N.W., Washington, D.C. 20210.
Monthly Labor Review; July 1967 (without appendix).
Pub Date - 67 18p.

*YOUTH; *LABOR FORCE; *YOUTH EMPLOYMENT; DROPOUTS; HIGH SCHOOL GRADUATES; UNEMPLOYMENT; COLLEGE ATTENDANCE; WORKING HOURS; OCCUPATIONS; FAMILY INCOME; WORK EXPERIENCE; COMPARATIVE ANALYSIS

Data from the October 1966 monthly survey of the labor force were used in this analysis of new young workers 16 to 24 years old. Members of the Armed Forces and inmates of institutions were excluded from the data. Among the survey results were: (1) Young men and women 16 to 24 years old and not enrolled in school constituted about one-seventh of the labor force, (2) Among these 10.3 million young workers, 71 percent possessed at least a high school diploma, as compared to 69 percent in 1965 and 63 percent in 1960, (3) Between 1960 and 1966 the number of dropouts declined by 400,000, (4) Nonwhite graduates and dropouts had the highest unemployment rates among out-of-school youth, but even these high rates were an improvement over their 1960 positions, particularly for the dropouts, (5) About 5 percent of the 1966 college enrollees were nonwhite, a proportion unchanged since 1960, (6) Within four months after receiving their high school diplomas, 17 percent of the 800,000 recent girl graduates were married, and of these nearly half were out of the labor force, (7) 14 percent of the 1966 graduates who were in the October 1966 labor force were unemployed, (8) About half of both graduate and dropout employed males were in semi-skilled occupations, and (9) 61 percent of the female employed graduates held clerical jobs, compared with 12 percent of the dropouts. An appendix contains 9 detailed statistical tables. (ET)

VT 006 945 MP 000 603
O'Boyle, Edward J.; Bogan, Forrest A.
Work Experience of the Population in 1966. Special Labor Force Report No. 91. Reprint No. 2555.

Bureau of Labor Statistics (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.15
Bureau of Labor Statistics, U.S. Department of Labor, 14th Street and Constitution Avenue, N.W., Washington, D.C. 20210.
Monthly Labor Review; Jan 1968.
Pub Date - 68 41p.

*WORK EXPERIENCE; *LABOR FORCE; *EMPLOYMENT; *UNEMPLOYMENT; OCCUPATIONS; NEGRO EMPLOYMENT; TEENAGERS; ADULTS; EMPLOYMENT STATISTICS; EMPLOYMENT LEVEL; EMPLOYMENT PATTERNS; *EMPLOYMENT TRENDS

Data pertain to the 1966 work experience of persons in the civilian noninstitutional population 16 years and over, and are based on information from supplementary questions to the February 1967 monthly survey of the labor force. The main sections of the report cover--labor force attachment, unemployment, the nonworker, occupations of the employed, Negro workers, occupations of the unemployed, work experience comparisons between the years 1960-1966, and teenagers. Among the findings were: (1) During 1966, 1.7 million more men and women than in 1965 were working at year-round full-time jobs, (2) Almost half (47 percent) of the advance was among women, who constituted only 40 percent of the annual labor force, (3) Greater manpower requirements did not reduce unemployment among women but rather drew significant numbers of them into the labor force, (4) The proportion of whites with unemployment in 1966 was 12 percent compared with 14 percent in 1965. Among Negroes, however, the percent with unemployment (22 percent) remained the same, and (5) Approximately 7.9 million more persons worked at some time during 1966 than in 1960. (ET)

VT 006 946 MP 000 604
Hamel, Harvey R.
Educational Attainment of Workers, March 1967. Special Labor Force Report No. 92. Reprint No. 2559.

Bureau of Labor Statistics (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.40
Bureau of Labor Statistics, U.S. Department of Labor, 14th Street and Constitution Avenue, N.W., Washington, D.C. 20210.
Monthly Labor Review; Feb 1968.
Pub Date - 68 26p.

*LABOR FORCE; NATIONAL SURVEYS; *EDUCATIONAL EXPERIENCE; EDUCATIONAL STATUS COMPARISON; *OCCUPATIONS; *WORK EXPERIENCE; *EDUCATIONAL IMPROVEMENT; EDUCATIONAL TRENDS; EMPLOYMENT; UNEMPLOYMENT; EMPLOYMENT PATTERNS; RACIAL DIFFERENCES

The survey data relate to the civilian noninstitutional population primarily 18 years old and over, and were obtained from supplementary questions to the Bureau of the Census' monthly survey of the labor force for March 1967. The study reveals relationships between levels of education and other characteristics of workers such as age, sex, color, employment, status, occupation, and others. Among the findings were: (1) 61 percent (twice the 1940 figure) of workers had a high school diploma or better in 1967, (2) 12 percent of the 1967 work force had obtained college or advanced degrees, (3) The increase in average educational attainment for men (60 percent) was much greater than for women workers (13 percent) over the 1940-1967 period, (4) With few exceptions, unemployment tends to decline among men and women in the various age groups as the level of education rises, (5) Jobless workers with less than a high school education were more likely to have undergone extended periods of unemployment than graduates, (6) Among women and older men, a higher level of education is associated with a greater likelihood of being in the labor force, (7) The educational level of workers has improved in virtually every occupation group since 1952, and (8) There is a greater representation of white workers in the more desirable occupations while Negroes were overly concentrated in less preferable jobs. (ET)

VT 006 947 MP 000 605
Hamel, Harvey R.
Multiple Jobholders in May 1966. Moonlighting; An Economic Phenomenon. Special Labor Force Report No. 90. Reprint No. 2547.

Bureau of Labor Statistics (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.00
Monthly Labor Review; Oct 1967.
Pub Date - 68 18p.

*MULTIPLE EMPLOYMENT; *LABOR FORCE; NATIONAL SURVEYS; INCOME; WORKING HOURS; INDUSTRY; OCCUPATIONS; *ECONOMIC FACTORS; INDIVIDUAL CHARACTERISTICS

Based primarily on information from supplementary questions to the May 1966 monthly survey of the labor force, this report explores the relationships between moonlighting and weekly earnings, length of workweek, industry, and occupation of multiple jobholders. The data suggested, summarily, that the typical moonlighter is a highly motivated and energetic young married man with a growing family, who works at two jobs or more primarily to provide additional income for his family but also for a variety of other reasons--to try his hand at working for himself, to keep busy, to obtain satisfaction, to experiment with another line of work, or to supply his skills that are in demand in his community. The moonlighter aspires to a better living and is willing to work hard to obtain his goal. No significant inverse relationship was found between moonlighting and the length of the workweek, suggesting that factors other than increasing leisure time determine whether a man looks for a second job. For all multiple jobholders, 32 percent were on a wage or salary in their primary job and self-employed on their secondary job, 12 percent had the reverse of this arrangement, and 56 were on a wage or salary in both jobs. (ET)

VT 006 949 MP 000 607
A Study of Present Employment and Future Needs in Selected Occupations in the "Bootheel" Area of Missouri.

Missouri Div. of Employment Security, Jefferson
EDRS PRICE MF-$0.25 HC-$2.35
Pub Date - Oct67 45p.

*OCCUPATIONAL SURVEYS; *EMPLOYMENT PROJECTIONS; MIGRATION; ACADEMIC ACHIEVEMENT; OCCUPATIONS; *EMPLOYMENT; *MANPOWER NEEDS; EMPLOYMENT OPPORTUNITIES; UNEMPLOYMENT; LABOR FORCE; EDUCATIONAL NEEDS
SOUTHEAST MISSOURI

The purpose of this study was to ascertain what occupations were prevalent in southeast Missouri and to determine future employment needs. The sample consisted of all covered employees (those holding jobs which are within the scope or protection of specific legislation), 20 percent of the noncovered employees, and 530 farm operators which accounted for approximately 17 percent of the farm labor in the area. Employers were contacted by mail with the exception of employers of 20 or more, who were visited by a local office representative, and farm operators who were contacted by telephone. Employers were asked to list their job titles and to provide the total employment in each occupation, the number of female employees, number over 45, current openings, and anticipated employment for each of the next 2 years. Findings revealed a declining demand for farm workers but anticipated growth in most non-agricultural occupations, for example, machine trades, structural work, and bench work. (CH)

VT 006 953 MP 000 611
Verification of 1967 Milwaukee Job Vacancy Study Plant Title Conversions to D.O.T. Titles and Codes.

Wisconsin Occupational Analysis Field Center, Milwaukee
EDRS PRICE MF-$0.25 HC-$0.30
Pub Date - Sep67 4p.

*JOBS; *JOB MARKET; OCCUPATIONAL INFORMATION; *OCCUPATIONAL SURVEYS; *EMPLOYMENT OPPORTUNITIES
MILWAUKEE; WISCONSIN; DICTIONARY OF OCCUPATIONAL TITLES; DOT

The purpose of this report was to compare job classifications established by the Wisconsin Occupational Analysis Field Center with a sample of the jobs identified in terms of Dictionary of Occupational Titles (DOT) classifications and reported as vacancies in the June, 1967, Milwaukee Job Vacancy Survey. The following guidelines were used to select 639 job entries within 110 firms: (1) As large a portion of the DOT classification structure as possible was to be covered, and (2) Job entries were selected from firms ranging in size from very small to very large. The findings report figures and percentages of consistency at the one, two, three, six, and nine digit DOT code level. The most significant observation beyond the verification itself was that there were at least 109 instances of error in which a nine digit classification could not have been made without more information about the position than its company title. Another observation was that 42 errors were obvious even before any verification with the employers was made. The appendix includes additional observations by survey personnel. (CH)

VT 006 954 MP 000 612
Nix, James C.
Characteristics of Mexican Immigrants Working on Farms.

EDRS PRICE MF-$0.25 HC-$0.40
Pub Date - Oct67 6p.

*AGRICULTURAL LABORERS; *IMMIGRANTS; INDIVIDUAL CHARACTERISTICS; DEMOGRAPHY; *OCCUPATIONS; AGE; SEX (CHARACTERISTICS); GEOGRAPHIC DISTRIBUTION
MEXICANS

This article describes the typical Mexican immigrant working in agriculture in the United States by state of residence, by sex and age, and by year of entry. For example, he is employed in California or Texas, is in his 30's or 40's, and entered the country in the 1950's or early 1960's. This profile was drawn from information on a sample of the cards aliens are required to file annually with the Immigration and Naturalization Service showing current address, occupation, and other information. The sample included about 23,600 cards which represent 3.7 percent of the 631,000 Mexicans who filed alien address cards in 1965. Only 5.5 percent of the Mexicans in the sample entered their occupations as farm laborers or foremen and another 0.7 percent as farmers or farm managers. Expansion of the sample data indicates some 39,000 Mexican immigrants engaged in agricultural occupations; however, this estimate is considered to be a minimum figure. (CH)

VT 006 955 MP 000 613
Cohen, Irving J.
Productivity and Earnings of Apple-Harvest Workers.

EDRS PRICE MF-$0.25 HC-$0.60
Pub Date - Oct67 10p.

*PRODUCTIVITY; *WAGES; SEASONAL LABORERS; *FOREIGN WORKERS; *AGRICULTURAL LABORERS; *HARVESTING

The purpose of this study was to obtain a better understanding of the factors affecting the productivity and earnings of foreign workers engaged in harvesting apples in six eastern states. Analyses and discussions of areas of differences in the productivity of domestic and foreign workers, as well as some of the factors affecting worker productivity, were developed from data collected in audits of employer payrolls. Data were obtained from 116 growers employing 2,380 workers. Foreign workers produced an average of 9.1 bushels per man hour and domestic workers averaged 8.8 bushels. Average earnings, with makeup, were $1.90 per hour for foreign workers and $1.89 for domestics. It was concluded that worker productivity and earnings are influenced by several inter-related factors which include type of harvest activity, crop conditions, harvest practices, variety of apple, and ultimate use of crop. (CH)

VT 006 956 MP 000 614
Pilot, Michael J.
Dental Assistant; Third Hand for the Dentist.

Bureau of Labor Statistics (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$0.30
Occupational Outlook Quarterly; v12 n1 Feb 68
Pub Date - Feb68 4p. Reprint.

*DENTAL ASSISTANTS; DENTAL HYGIENISTS; DENTISTRY; DENTISTS; *HEALTH OCCUPATIONS EDUCATION; *OCCUPATIONAL INFORMATION; CERTIFICATION; ACCREDITATION (INSTITUTIONS); PROGRAM LENGTH; ASSOCIATE DEGREES; DENTAL ASSOCIATIONS; SALARIES; COMMUNITY COLLEGES; JUNIOR COLLEGES

Dental assisting functions include chairside assisting, laboratory work, and clerical activities. An estimated 115,000 dental assistants were employed in 1967--mostly women and employed principally in private dental offices. Although most assistants currently employed learned their skills on the job, the trend is toward formal preparatory programs and there were more than 100 accredited by the Council on Dental Education of the American Dental Association in mid-1967. Most are 1-year programs offered in junior and community colleges but some are 2 years in length and lead to the associate degree. All provide clinical experience. An American Dental Association approved correspondence course is available to employed assistants but proprietary school courses are not approved. Dental assistants are certified through examination by the American Dental Association. Prospective dental assistants who foresee the possibility of later becoming dental hygienists should know that credit earned in a dental assistant program is not always applicable. There is a growing need for assistants, and salaries in 1967 ranged from $70 to $125. (JK)

VT 006 959 MP 000 617
Manpower Outlook Survey for the Norfolk, Nebraska Employment Service Area.

Nebraska Dept. of Labor, Lincoln. Div. of Employment
EDRS PRICE MF-$0.50 HC-$4.10
Pub Date - Oct67 80p.

*OCCUPATIONAL SURVEYS, EMPLOYMENT LEVEL; *EMPLOYMENT PATTERNS; *LABOR FORCE; OCCUPATIONS; *MANPOWER NEEDS; POPULATION TRENDS; INDUSTRY; WAGES; JOB APPLICANTS; EMPLOYMENT PROJECTIONS; *EMPLOYMENT STATISTICS
NEBRASKA

At the end of 1966, questionnaire data were gathered from a sample of 1,200 employers, representing about 70 percent of the total nonagricultural wage and salary employment in the 15 Northeastern Nebraska counties of Antelopge, Boone, Boyd, Brown, Cedar, Cherry, Dixon, Holt, Keya Paha, Knox, Madison, Pierce, Rock, Stanton, and Wayne. Information pertains to size and composition of the labor force and the population, occupational and industrial distribution of workers, forecasts of expansion and replacement needs for November 1967 and November 1969, hourly wage rates, and characteristics of job applicants on file at the Norfolk office of the State Employment Service. The highlights of the study include: (1) Men comprise 62 percent of the 22,673 wage and salary workers in the area, (2) Expansion should create over 1,450 new jobs by November 1969, an overall increase of nearly 7 percent or more than 2 percent annually, (3) Nearly 1,200 jobs should become available by November 1969 due to replacement needs, (4) High school graduates should supply over one-half of the anticipated demand for worker expansion and replacement needs, and the remaining openings should be offset by an average of 200-300 workers registered with the local Nebraska Division of Employment office, and (5) Estimated population data indicates a 3 percent increase for the area during the period 1960-1966. (ET)

VT 006 960 MP 000 618
Gallop, Renee L.
The Job Market for Engineers Scientists Technicians.

Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.75
Pub Date - Aug67 33p.

OCCUPATIONAL SURVEYS; *ENGINEERS; LABOR MARKET; *LABOR SUPPLY; *MANPOWER NEEDS; EMPLOYMENT TRENDS; EMPLOYMENT OPPORTUNITIES; NATIONAL SURVEYS; ENGINEERING TECHNICIANS; JOB APPLICANTS; *SCIENTISTS; *TECHNICAL OPERATIONS; DRAFTSMEN; MATHEMATICIANS; MEDICAL LABORATORY ASSISTANTS

A survey of the job market situation for these occupations in 30 major metropolitan centers, in the spring of 1967, indicated that openings for engineers and draftsmen exceeded applicants registered at local public employment offices despite a decline in demand and an increase in applicants over a year ago. In contrast, while applicants outnumbered openings for mathematicians and natural scientitists, demand for such personnel rose over the year while the number of registered applicants dropped. Needs for supporting engineering and scientific technicians, as well as medical technologists, also continued high. College graduates with technical majors had increased salary offers of $720 per month, about $100 higher than salary offers to nontechnical graduates. Such job offers from aerospace, chemical-drug, and electronics industries ranked highest in volume of openings. Statistical data is included in tabular form. (EM)

VT 006 962 MP 000 620
Work Plans of Men Not in Labor Force, February 1967. Advance Summary. Special Labor Force Report.

Bureau of Labor Statistics (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$0.50
Pub Date - Apr68 8p.

*LABOR FORCE NONPARTICIPANTS; *MALES; *WORK ATTITUDES; NATIONAL SURVEYS; ADULTS; UNEMPLOYED; MANPOWER UTILIZATION

In the Current Population Survey relating to the week ended February 18, 1967, an estimated 2.3 million men 20 to 64 years old were not in the labor force because of illness, retirement, time off, or for other reasons except going to school. They comprised 5 percent of the men 20 to 64 years old and two-thirds of the men in these ages not in the labor force. Of the 2.3 million men, about 900,000 or 4 out of 10 could be potential additions to the labor force. About 470,000 were only temporarily out of the labor force and would return on their own initiative in a short time. Another 430,000 were potential recruits since they wanted to work and were out of the labor force for a variety of reasons. Of these, 140,000 would need special job arrangements to accomodate a medical condition. Poor health is by far the most important factor which prevents men in the prime working ages from participation in the labor force. Half of all the men surveyed reported they could not work and would not be able to work in the next year because they were sick or disabled. Only 10 percent of the men were physically able to work but did not want to work, primarily because they were retired. (ET)

VT 006 967 MP 000 625
Rosenfeld, Carl, And Others
A Survey of Volunteer Work, November 1965.

Bureau of Labor Statistics (DOL), Washington, D.C. Div. of Labor Force Studies
Office of Manpower Policy, Evaluation and Research (DOL), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.00 OEC-81-0[illegible]-66-07
Pub Date - Aug67 78p.

*VOLUNTEERS; *MANPOWER UTILIZATION; *INDIVIDUAL CHARACTERISTICS; SOCIOECONOMIC BACKGROUND; WORK EXPERIENCE; SOCIAL SERVICES; HEALTH SERVICES; SCHOOL AIDES; MOTIVATION; *VOLUNTARY AGENCIES; OCCUPATIONAL INFORMATION; COMMUNITY SERVICES; NATIONAL SURVEYS

To fill a gap in the broad set of national accounts relating to manpower demand and supply, a pilot survey was undertaken by the Bureau of Labor Statistics to determine whether information on volunteer work could be obtained from a nationwide sample of the population, using a self-enumeration questionnaire. About 96 percent of the nearly 9,800 persons included in the survey, part of the November 1965 monthly survey of the labor force, returned the schedules which gave data on the number of persons who do unpaid volunteer work in the broad areas of health, education, and social welfare services, their personal and economic characteristics, their motivations, and the kinds of volunteer work and types of activities in which they are engaged. Some of the findings were: (1) About 6.7 million persons, or 5 percent of the civilian noninstutional population 14 years old and over, volunteered some work during the survey week of November 7 to 13, 1965, (2) An additional 2.7 million did only religious volunteer work, (4) Greater proportions of women than men did volunteer work, (5) About 16 percent of the population 14 years old and over did some volunteer work during the 12-month period ending in November 1965, and (6) The principle reasons for doing volunteer work were "sense of duty," a "desire to help people," and "enjoyment" in doing the work. There are 25 statistical tables. (ET)

VT 006 969 MP 000 627
Katz, Arnold
Skill, Aging, and Unemployment.

Social Security Administration (DHEW), Washington, D.C.
Columbia Univ., New York, N.Y.
EDRS PRICE MF-$0.25 HC-$2.95 Grant 292
Pub Date - Apr68 57p.

*UNEMPLOYMENT; *MIDDLE AGED; INDIVIDUAL CHARACTERISTICS; *SUBEMPLOYMENT; *COMPARATIVE ANALYSIS; *FAILURE FACTORS; WAGES; SKILLS; INDIVIDUAL DIFFERENCES; CONCEPTUAL SCHEMES; PRODUCTIVITY; TECHNOLOGICAL CHANGE; JOB SKILLS

The comparison of various explanations for reduced earnings of older workers due to unemployment before retirement which permits evaluation of their relative importance is the purpose of this paper. This comparison was done through a detailed analysis of skill differentials in unemployment. The economics of changes in skill related to life cycle are reviewed and the expected changes in unemployment due to age are discussed in detail. Usual explanations of unemployment of older workers include: (1) physical senescence, (2) technical change, (3) educational trends, (4) pension costs, (5) age discrimination, (6) seniority backlash, and (7) geographic immobilities. Statistical analysis of a sampling from the U.S. Census of 1960 indicated these findings: (1) Physical senescence and educational trends increase the variance related to both the incidence and duration of unemployment, (2) Age discrimination, pension costs, and geographic immobility did not affect variance related to the incidence of unemployment, (3) Age discrimination, seniority backlash, and geographic immobility did not affect the duration of unemployment. Statistical tables and graphs are included. (EM)

VT 006 972   MP 000 630
Upgrading the Low-Wage Worker--An Ergonomic Approach. Volume IV. Use of Job Vacancies to Select Promising Industries for Training Programs. Phase I Report.

Skill Advancement Inc., New York, N.Y.
Office of Manpower Policy, Evaluation and Research (DOL), Washington, D.C.
EDRS PRICE MF-$1.25 HC-$15.60   OSMP-82-34-67-10
TM-ADM-400
Pub Date - 17Aug67 310p.

*EMPLOYMENT OPPORTUNITIES; *OCCUPATIONAL SURVEYS; INDUSTRY; *MODELS; INDUSTRIAL TRAINING; ECONOMIC RESEARCH; LABOR ECONOMICS; LABOR MARKET; MANPOWER NEEDS; EMPLOYERS; OCCUPATIONAL INFORMATION; *INFORMATION UTILIZATION; *CONCEPTUAL SCHEMES; JOB MARKET; ECONOMIC FACTORS; QUESTIONNAIRES; RESEARCH METHODOLOGY; LABOR SUPPLY
SKILL ADVANCEMENT INCORPORATED; HIGH INTENSITY TRAINING PROGRAMS

This study reflects an attempt to use Bureau of Employment Security job vacancy response data collected from employers in April 1966, to: (1) identify the industries in the New York area that are promising for High Intensity Training development in 1967-68, (2) develop a model that would estimate job vacancies by occupation in industries, and (3) develop a conceptual classification system and contribute to a theory of job vacancy behavior. The study's objectives were achieved and the results justify analysis of job vacancies in terms of rictional, demand- related, and structural causes, and indicate that vacancies, like unemployment, cannot be studied solely at the aggregate level. Among the study's findings were: (1) Industries with large numbers of "relevant" vacancies (hard-to-fill semi-skilled, clerical and service vacancies) are best identified by volume of industry employment, that is, the larger the industry, the more the vacancies at the intermediary skill level, (2) "Relevant" vacancies seem to be determined more by wages and demand for the products of the industry (demand-related causes) than absolute skill shortages (structural causes), and (3) Six industries show promise for continued and future High Intensity Training, an employment upgrading program for low-skill, low-wage employees. Practical uses of the estimating model, implications, research suggestions, and a proposed new occupational code system are offered. (ET)

VT 007 033   MP 000 632
Carr, Malcolm J.
The Samoa Method of Determining Technical, Organizational, and Communicational Dimensions of Task Clusters. Technical Bulletin STB-68-5.

Naval Personnel Research Activity, San Diego, Calif.
EDRS PRICE MF-$0.50 HC-$3.40
Pub Date - Nov67 66p.

*JOB ANALYSIS; OCCUPATIONAL CLUSTERS; *INFORMATION PROCESSING; ENLISTED MEN; *FEASIBILITY STUDIES; *COMPUTERS
*SYSTEMATIC APPROACH TO MULTIDIMENSIONAL OCCUPATIONAL ANALYSIS; SAMOA

The central concept of the Systematic Approach to Multidimensional Occupational Analysis (SAMOA) is that an area of occupational specialization has three major dimensions: technical, organizational, and communicational. This study was intended to identify work specialty areas and to specify work requirements characterizing these specialties in terms of descriptive variables. Three steps were involved: (1) Comprehensive task lists and related data gathering forms were developed and administered, (2) A computer analysis of the data on tasks and task patterns was accomplished by a clustering program which identified homogeneous work groups on the basis of similar patterns of tasks performed, and (3) A set of computerized procedures for stratifying and grouping clusters on the basis of significant variables within the three basic dimensions was developed. Three hundred and fifty men in the occupational specialty of machinist's mate, engineman, and machinery repairman were surveyed to collect the initial data. SAMOA was deemed technically feasible on the basis of this pilot study. The methods and formulas are illustrated and the questionnaire is included. (EM)

VT 007 038   MP 000 637
Campbell, Gordon M.
Feasibility of a Personnel Requirements Information System Methodology (PRISM). Final Phase I Report.

Naval Personnel Research Activity, San Diego, Calif.
EDRS PRICE MF-$0.50 HC-$3.40
RM-SRM-68-10
Pub Date - Nov67 66p.

*INFORMATION SYSTEMS; INFORMATION STORAGE; *MAN MACHINE SYSTEMS; *PERSONNEL DATA; *SYSTEMS DEVELOPMENT; TASK ANALYSIS; TAXONOMY; OCCUPATIONAL INFORMATION; MILITARY PERSONNEL; FEASIBILITY STUDIES
*PERSONNEL REQUIREMENTS INFORMATION SYSTEM METHOD; PRISM; U.S. NAVY

The purposes of Personnel Requirements Information System Methodology (PRISM) are to eliminate duplicative personnel and training data collection, analysis, and reporting, and to provide personnel requirements information through a system-oriented human factors data pool, organized around a system-function-task analysis technique. It will complement and support other Naval human factors information systems. After a literature review, five areas of research are reported: (1) identification of groups of technical and professional people who use and generate human factors information, (2) identification of types and classes of data required during system development, (3) identification of the relationships between data categories, data characteristics, and systems development phases under which the data is generated and used, (4) identification of end product data requirements, and (5) specifications of relationships to the Bureau of Naval Personnel and other Navy organizations. Examples of the development of PRISM are included for these areas. A bibliography cites 80 items dating from 1956 to 1967. An earlier report is VT 007 041 also in this issue. (EM)

VT 007 041 MP 000 640
Smith, Harold G.
Feasibility of a Personnel Requirements Information System Methodology (Prism). Preliminary Phase I Report.

Naval Personnel Research Activity, San Diego, Calif.
EDRS PRICE MF-$0.50 HC-$3.70
RM-SRM-67-14
Pub Date - Jan67 72p.

*INFORMATION SYSTEMS; INFORMATION STORAGE; *MAN MACHINE SYSTEMS; *PERSONNEL DATA; *SYSTEMS DEVELOPMENT; TASK ANALYSIS; FEASIBILITY STUDIES; MILITARY PERSONNEL
PRISM; *PERSONNEL REQUIREMENTS INFO. SYSTEM METHOD; U.S. NAVY

Personnel Requirements Information System Methodology (PRISM) is the control point through which human factor information passes in both directions, either in support of management decisions based on technical considerations of a system, or in support of technical system development based on management decisions. In the earliest phase of the system development cycle the PRISM data base will be small and primarily consist of data from earlier systems. This will change gradually from an analytically derived base to an empirical human factors data base. PRISM will identify what is needed in the way of human factor information as well as directions on how to accomplish, implement, and operate a procedure based on identified Bureau of Naval Personnel human factors informaton requirements. It is an integrated model of a single, common core, integrated data system for all personnel and personnel-related information organized within each new Navy system being developed with computer capacity. A flow chart of PRISM is included as well as a discussion of the relationship to other research. The bibliography contains 115 citations dating from 1956-1966. (EM)

VT 007 043 MP 000 642
Wilson, David A.
Application of Automatic Data Processing Techniques to Task Analysis Diagramming.

Naval Personnel Research Activity, San Diego, Calif.
EDRS PRICE MF-$0.25 HC-$2.05
RM-SRM-68-8
Pub Date - Oct67 39p.

*TASK ANALYSIS; *SYSTEMS ANALYSIS; *ELECTRONIC DATA PROCESSING; *NUMERIC CODES; *SYMBOLIC LANGUAGE; PILOT PROJECTS

The purpose of this exploratory study was to develop a method which would be economical and furnish a detailed picture of operator and technician tasks to a variety of personnel who were responsible for system design, equipment design, human factors, manning, and training. It utilized automatic data processing techniques for the construction and revision of task analysis diagrams which involved standard data processing equipment and the conversion of task diagram symbols to alpha code words using standard characters. The method was developed in fiscal 1967 and was to be applied to an actual system in fiscal 1968. Six basic symbols representing (1) transmission of information, (2) receipt of information, (3) storage of information, (4) previously stored information, (5) decisions, and (6) actions were utilized plus "adjectival" indicators which modified these symbols to indicate performance by human or machine, means of performance, and whether or not stored information was displayed. Examples of coding sheets, punched cards, printouts, updated task analysis are included. A flow chart comparing the manual method and this automatic data processing method of updating task analysis diagrams is also given. (EM)

VT 007 045 MP 000 644
Silverman, Joe
New Techniques in Task Analysis.

Naval Personnel Research Activity, San Diego, Calif.
EDRS PRICE MF-$0.25 HC-$1.55
RM-SRM-68-12
Pub Date - Nov67 29p.

*TASK ANALYSIS; *TAXONOMY; *TECHNIQUES; *CLASSIFICATION; LITERATURE REVIEWS; BIBLIOGRAPHIES

An examination of the state of the art in task analysis was the purpose. Current efforts in task analysis require that every task be treated as a unique entity or aspect of work with no regard for such factors as equipment, environment, or operational conditions. A taxonomy of tasks has been suggested to improve that situation. The process to attain this would consist of: (1) collecting samples of phenomena, (2) describing essential elements, (3) comparing phenomena for similarities and differences, (4) developing a set of principles governing choice and ordering of elements, (5) grouping phenomena into exclusive categories, and (6) developing keys and devices for recognizing and identifying phenomena. Numerical taxonomies which place the procedures of task comparison and classification on an operational and quantitative basis through computer analysis have also been suggested as appropriate. The U.S. Navy has used such methods to compare and contrast military billets in a multidimensional space (hyperspace). The appendix includes eight sample task taxonomies. A bibliography cites 56 items dating from 1959-1966. (EM)

VT 007 046 MP 000 645
Ammer, Dean S., And Others
Institutional Employment and Shortages of Paramedical Personnel; A Detailed Study of Staffing Patterns and Shortages in Hospitals, Nursing Homes and Various Other Institutions in the Greater Boston Area.

Northeastern Univ., Boston, Mass. Bureau of Business and Economic Research
Public Health Service (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.40 CH-00146
Pub Date - 67 46p.

*OCCUPATIONAL SURVEYS; *HEALTH PERSONNEL; PROFESSIONAL PERSONNEL; *MANPOWER NEEDS; EMPLOYMENT STATISTICS; *INSTITUTIONAL PERSONNEL; STANDARDS; HOSPITALS; NURSING HOMES; SUBPROFESSIONALS

Institutional employees were surveyed to obtain detailed information as a basis for planning new programs to train paramedical personnel. The data collected represented a 92 percent sample of institutionally employed paramedical personnel. There were 5,000 institutional job openings and the shortage was more acute among professionals than non-professionals. Occupational therapy with 56 openings had the highest vacancy rate at 36.8 percent while the highest absolute shortage was represented in 1,577 openings for registered nurses. Nursing homes and chronic hospitals were hardest hit with respective vacancy rates of over 16 percent. Some conclusions from the data were: (1) Demand for all paramedical skills will probably grow faster than supply in the forseeable future, (2) Institutions cope with shortages by substituting less skilled or part-time personnel and the real demands are probably substantially greater than implied by vacancy rates, (3) Supply of personnel cannot possibly increase rapidly enough to satisfy the needs of chronic hospitals and nursing homes, (4) Pay differentials should be encouraged on the basis of job desirability, (5) Imposition of higher standards by paramedical organizations discourages applicants and contributes to shortages, and (6) Programs in management skills are seriously needed by middle management. (JK)

VT 007 047   MP 000 646
Manpower Projections for the State of Hawaii; Fiscal Year 1969.

Hawaii Dept. of Labor and Industrial Relations, Honolulu. Research and Statistics Office
EDRS PRICE MF-$0.25 HC-$2.05
Pub Date - May68 39p.

*EMPLOYMENT PROJECTIONS; *LABOR FORCE; UNEMPLOYMENT; EMPLOYMENT TRENDS; *EMPLOYMENT STATISTICS; EMPLOYMENT PATTERNS; INDUSTRY; *OCCUPATIONAL SURVEYS
HAWAII

Labor force trends and projections from 1965 through 1969 are presented for the State of Hawaii, the City and County of Honolulu, Hawaii County, Maui Island, and Kauai County, and from 1966 through 1969 for Molokai and Lanai. Annual volume and percentage change figures are given for civilian labor force, total employment, unemployment, and employment by industry group. The number of labor disputes per year is also given. In fiscal year 1967, 287,000 persons were in the State's labor force, 276,900 were employed, and about 3.5 percent were unemployed. Unemployment rates for fiscal 1968 and 1969 were projected to be about 3.4 and 3.3 percent, respectively, although absolute numbers of unemployed would increase. The annual average growth of the labor force and employment was around 4 percent. Employment in government, services, finance, insurance, and real estate, wholesale and retail trades, and transportation, communication, and utilities was to grow most rapidly. Graphs and tables are included. (ET)

VT 007 050   MP 000 649
West Central West Virginia Area Manpower Requirements Survey to 1972.

West Virginia Dept. of Employment Security, Charleston. Research and Statistics Div.
West Central West Virginia Community Action Association, Parkersburg
West Virginia Univ., Morgantown. West Virginia Center for Appalachian Studies and Development
EDRS PRICE MF-$0.25 HC-$2.10
Pub Date - Nov67 40p.

*OCCUPATIONAL SURVEYS; *EMPLOYMENT PROJECTIONS; EMPLOYMENT QUALIFICATIONS; *MANPOWER NEEDS; EMPLOYMENT LEVEL; EMPLOYMENT PATTERNS; LABOR FORCE; *EMPLOYMENT STATISTICS; EMPLOYMENT
WEST VIRGINIA

Based upon mailed questionnaire responses of 740 employers employing almost 40 percent of the area's workers, this report provides an overall picture of occupations as they existed at mid-February 1967 and the changes anticipated in the next 2 and 5 years. Eleven counties, roughly within a 50-mile radius of Parkersburg, were included in the survey. Among the survey highlights were: (1) Although government will continue to offer the greatest number of job opportunities, all of the area's industries plan to expand in the next 2 and 5 years, (2) Some 6,850 new jobs are planned for by 1969 and about 11,750 by 1972, (3) Replacement demand during the same periods is estimated at 12,800 and 32,050, respectively, (4) All broad job classifications are expected to grow, (5) There is very little surplus labor in the area and manpower appears scarce for many occupations, especially some that require little training or education, (6) Approximately 25 percent of the jobs required an education beyond high school--some 17 percent required training beyond high school but less than college and about 8 percent required at least a college degree, and (7) Training programs are nonexistent in many sectors and inadequate in the others. Detailed statistical tables are included. (ET)

VT 007 058   MP 000 657
Jordan, Max F.
Rural Industrialization in the Ozarks: Case Study of a New Shirt Plant at Gassville, Ark. Agricultural Economic Report No. 123.

Economic Research Service (DOA), Washington, D.C.
Arkansas Agricultural Experiment Station, Fayetteville
Area Redevelopment Administration (DOC), Washington, D.C.
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (A 93.28--123, $.25).
Pub Date - Nov67 27p.

*DEPRESSED AREAS (GEOGRAPHIC); ECONOMIC DEVELOPMENT; RURAL DEVELOPMENT; *INDUSTRIALIZATION; *ECONOMIC RESEARCH; LABOR FORCE; EMPLOYMENT TRENDS; UNEMPLOYMENT; INCOME; ECONOMIC CLIMATE; PUBLIC FACILITIES; SOCIOECONOMIC INFLUENCES; *EMPLOYMENT OPPORTUNITIES; AGRICULTURAL TRENDS
GASSVILLE; ARKANSAS

The study was conducted to determine the short-term economic effects of the establishment of a large apparel plant on the economy of a relatively isolated, highly rural Ozark area in which low incomes and few employment opportunities existed. Primary data were collected through interviews with members of the local industrial development commissions, the shirt plant manager, representatives of the State Department of Labor, county officials, and local community leaders. Approximately 13 percent of the increase in total personal income in the area in 1960-63 was attributed to employment at the shirt plant which began operations in the fall of 1960. The plant was responsible for a marked smoothing of both seasonal and long term fluctuations in income, and thus in business activity. Total annual employment attributable to the plant was estimated to have become stabilized at about 1,170 persons, including about 750 jobs in the plant itself with an estimated $2.2 million payroll. Unemployment figures were not significantly reduced because of changed patterns of labor force participation and migration. Other findings and the prospects and needs for other developments in the area are discussed. (ET)

VT 007 060   MP 000 659
Looking Ahead to a Career.

Bureau of Labor Statistics (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.10
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L2.2:C18, $.30).
Pub Date - 68 40p.

*EMPLOYMENT OPPORTUNITIES; EMPLOYMENT STATISTICS; *EMPLOYMENT QUALIFICATIONS; *EMPLOYMENT TRENDS; *OCCUPATIONAL CLUSTERS; OCCUPATIONAL GUIDANCE; LABOR FORCE; EMPLOYERS; WOMEN WORKERS; DROPOUTS; *EMPLOYMENT PROJECTIONS

This publication provides a narrative to accompany 36 slides designed to answer many questions of students, counselors, teachers, and parents concerning job opportunities. Answers are provided for questions such as, What kinds of jobs will there be? What industries will provide these jobs? What qualifications will be necessary for these jobs? What fields of work look especially promising? and What will the competitive situation be for young people seeking to enter the labor force? Information is also provided concerning the future economic and educational framework within which individuals must choose their careers. The picture of the future as reflected in these charts and narrative is based on the following assumptions: (1) High levels of economic activity and employment will be maintained over the long run, even though there may be temporary recessions, (2) A defense program similar to that prevailing immediately prior to the Viet Nam buildup will exist, (3) Scientific and technological advances will continue, and (4) The institutions and fundamental economic structure of the United States will not change significantly. (CH)

VT 007 062 MP 000 661
Community Planning for Nursing in the District of Columbia Metropolitan Area; Source Book for Planning. Public Health Service Publication No. 1676.

Public Health Service (DHEW), Arlington, Va. Div. of Nursing
EDRS PRICE MF-$0.75 HC-$7.60
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS2.2:C73/13, $1.00).
Pub Date - 67 150p.

COMMUNITY PLANNING; OCCUPATIONAL SURVEYS; SURVEYS; NURSING; HEALTH OCCUPATIONS EDUCATION; *NURSES; *HEALTH SERVICES; METROPOLITAN AREAS; STATISTICAL DATA; PROGRAM PLANNING; *MANPOWER NEEDS; EDUCATIONAL NEEDS; EMPLOYMENT PROJECTIONS; PROFESSIONAL EDUCATION; EMPLOYMENT STATISTICS; PRACTICAL NURSING; PRACTICAL NURSES; GRADUATE STUDY; RECRUITMENT; PRESS OPINION; COMMUNITY CHARACTERISTICS; DEMOGRAPHY
DISTRICT OF COLUMBIA

Compiled to assist in long-range planning for improved nursing services, the source book data were drawn from national and local sources and from interviews with employers. The current ratio of 348 registered nurses per 107,000 population will decline if graduations remain constant at 300 per year. For the nation as a whole, it is estimated that by 1975 a ratio of 444 per 100,000 population will be required, but, even to reach a goal of 400 to 100,000, graduations in the District of Columbia metropolitan area would have to increase threefold. The document, which is intended as a model for the development of source books for other local areas and states, analyzes the characteristics of the area in such matters as the influence of the federal government, population, educational attainment, income, and crime rate. Other sections treat health, health expenditures, health facilities and services, nursing personnel, nursing education, and excerpts from Washington newspaper articles concerning the local nursing situation. Appendixes include 104 pages of tables relating to the text. (JK)

VT 007 063 MP 000 662
Nikolitch, Radoje
A Comparison of Age Levels of Farmers and Other Self-Employed Persons. Agricultural Economic Report No. 126.

Economic Research Service (DOA), Washington, D.C.
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (A93.28:126, $.15).
Pub Date - Nov67 15p.

*FARMERS; *AGE; INDIVIDUAL CHARACTERISTICS; ACADEMIC ACHIEVEMENT; GEOGRAPHIC REGIONS; *SELF EMPLOYMENT

The purpose of this report is to describe the age of farm operators by size and class of farm, by educational attainment, by type of farms, and by states and regions. The common belief that farmers as a group are getting older than people in other occupations stems from two conceptual errors. The first is the assumption that farm operators are comparable with wage earners in other occupations, and the second is the assumption that deductions may be made from aggregated data for all farmers as one group. Sources of data are the U.S. Census of Population, 1960, the U.S. Census of Agriculture, 1964, and the U.S Department of Agriculture Economic Research Service. Information presented in this paper does not support the notion that farm operators, in general, are getting older than self employed people in other occupations. (CH)

VT 007 064 MP 000 663
Kreps, Juanita M.
Lifetime Allocation of Work and Leisure. Research Report No. 22.

Social Security Administration (DHEW), Washington, D.C. Office of Research and Statistics.
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS. GRANT 269
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS 3.49--22, $.25).
Pub Date - Oct67 51p.

*RETIREMENT; *LABOR FORCE; *WORK LIFE EXPECTANCY; *LEISURE TIME; ECONOMIC RESEARCH; INCOME; EMPLOYMENT PATTERNS; FOREIGN COUNTRIES; *COMPARATIVE ANALYSIS; OLDER ADULTS; LEAVE OF ABSENCE; WORKING HOURS; INDUSTRIALIZATION
UNITED KINGDOM; FEDERAL REPUBLIC OF GERMANY; SWEDEN; SWITZERLAND; UNITED STATES

This study explores the question of whether the increase in nonworking time in high-growth European economies--the United Kingdom, the Federal Republic of Germany, Sweden, and Switzerland--has differed in amount and form from the pattern that has developed in the United States since 1950. Data were gathered from social scientists, public officials, and other sources in the various countries. Of principle interest is whether leisure is being increased through a shortened workyear financed through the regular wage scheme, or through a shortened worklife resulting from early retirement requiring larger transfer payments in the form of income maintenance programs. The major sections contain international comparisons regarding labor force activity, worklife, and workyear, and discussion of income and leisure issues in advanced economies and income maintenance in the United States. No trend toward retirement below age 65, such as is found in the U.S., was found in the European countries. Under the pressure of tight labor markets, the European countries generally advocate flexible retirement policies, often providing higher benefits as an inducement to keep older workers on the job. It was suggested that there may be advantages both to the economy and to the individual worker in distributing (and therefore financing) the expected increase in leisure within the framework of the worklife, such as through longer vacation periods, retraining periods, and shorter workweeks. (ET)

VT 007 066 MP 000 665
Richardson, Robert Brooks
An Examination of the Transferability of Certain Military Skills and Experience to Civilian Occupations.

Office of Manpower Policy, Evaluation and Research (DOL), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$6.65 91-34-66-47

Clearinghouse for Federal Scientific and Technical Education, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22151 (PB177372, microfilm $.65, paper copy $3.00).
Pub Date - Sep67 131p.

*JOB SKILLS; MILITARY TRAINING; EMPLOYMENT; *TRANSFER OF TRAINING; VOCATIONAL ADJUSTMENT; JOB APPLICANTS; JOB SATISFACTION; *OCCUPATIONAL MOBILITY; *MILITARY PERSONNEL; *EMPLOYMENT EXPERIENCE; EDUCATIONAL BACKGROUND; QUESTIONNAIRES; SURVEYS; INDIVIDUAL CHARACTERISTICS
AIR FORCE

The purpose of this study was to collect and analyze empirical data relating to the value of selected military skills of 1,270 selected ex-U.S. Air Force officers and enlisted men to subsequent civilian employment. The study encompassed an examination of the needs of the ex-serviceman when he entered the civilian labor force, the typical process by which he sought civilian jobs, and his perceptions of the value of military training and experience to his civilian job. Data collection was by a mail survey; examples of the questionnaires are in the appendixes. Findings related to occupational expectations at time of separation from active military duty, ease in obtaining employment, the education level of subjects, the number of civilian jobs held since separation, level and type of civilian organization, annual income from all sources, and job satisfaction. It was concluded that technical skills and formal educational level were clearly significant elements of the transferability process and that there was general satisfaction with the transition from military to civilian jobs. (CH)

VT 007 068 MP 000 666
Noble, Jeanne L.
An Exploratory Study of Domestics' View of Their Working World; An Inquiry into the Methodology of a Research Design Formulated to Gather Information for a More Extensive Investigation.

New York Univ., N.Y. School of Education
Office of Manpower Policy, Evaluation and Research (DOL), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$6.60 91-34-67-06
Clearinghouse on Federal Scientific and Technical Education, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22151 (PB177865, microfilm $.65, paper copy $3.00).
Pub Date - Dec67 130p.

*DOMESTIC WORKERS; *FEASIBILITY STUDIES; *NEGRO EMPLOYMENT; NEGROES; QUESTIONNAIRES; OCCUPATIONAL SURVEYS; JOB SATISFACTION; *WORK ATTITUDES; *NEGRO ATTITUDES; EMPLOYER ATTITUDES; RESEARCH METHODOLOGY
NEW YORK CITY

The purpose of this study was to (1) explore methods of identifying domestics, (2) establish methods of obtaining employer-employee cooperation, (3) pretest three instruments, (4) determine the appropriate technique for a larger study, and (5) determine if a larger study is feasible. A random sample of 50 Negro domestics, who lived in Harlem and worked in New York City and Long Island responded together with their employers to the questionnaires developed in this feasibility study: an employee interview guide and an employer interview guide. An observation-participant guide was also used. Examples of the interview guides are included in the appendixes. Identification techniques were formulated, the interview guides were finalized, and the sampling procedures were validated. Recommendations were to replicate the study with a sample of 500 domestics subdivided into three groups. Only the employee interview guide and the employer interview guide were recommended for further use. (CH)

VT 007 069 MP 000 667
Mills, Daniel Quinn
Factors Determining Patterns of Employment and Unemployment in the Construction Industry of the United States.

Office of Manpower Policy, Evaluation and Research (DOL), Washington, D.C.
DOCUMENT NOT AVAILABLE FROM EDRS. 91-23-67-08
Clearinghouse for Federal Scientific and Technical Education, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22151 (PB177562, microfilm $.65, paper copy $3.00).
Pub Date - Sep67 163p.

*CONSTRUCTION INDUSTRY; *EMPLOYMENT; *UNEMPLOYMENT; DOCTORAL THESES; *EMPLOYMENT TRENDS; EMPLOYMENT PATTERNS; *WAGES; EMPLOYMENT STATISTICS; BUILDING TRADES; MATHEMATICAL MODELS; ECONOMIC RESEARCH

The purpose of this study was to measure and explain the relationship of the major fluctuations in employment and unemployment in the construction industry. A review of the construction industry, a description and analysis of seasonal and other fluctuations in construction employment, a discussion of the process by which employment fluctuations are converted into reported unemployment, and a theoretical model of wage behavior are presented. Some conclusions were: (1) Construction employment continues to be intermittent and seasonal but changes in the level of aggregate economic activity have not been a significant element since the mid-1940's, (2) Employment patterns should be examined by crafts or occupations because of different influencing factors which do not operate across the whole industry, (3) The major determinants of construction unemployment are the level of activity in the industry and the availability of jobs in other economic sectors, (4) Projects are seldom cancelled due to labor stringency, and (5) The relative hourly wage differential between construction workers and similar workers in other industries appeared unchanged in the post-war period. This Ph.D. thesis was submitted to Harvard University. (EM)

VT 007 071 MP 000 669
Bain, Trevor
The Impact of Defense Contract Termination on the Labor Force.

Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.20 Grant-91-03-66-39
Clearinghouse on Federal Scientific and Technical Education, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22151 (PB 177 873, $.65 microfilm, $3.00 paper copy).
Pub Date - Jun67 82p.

UNEMPLOYMENT; *JOB LAYOFF; *UNEMPLOYED; *EMPLOYMENT PROBLEMS; JOB APPLICANTS; DEFENSE CONTRACTS; EMPLOYMENT OPPORTUNITIES; AREA STUDIES; *JOB SEEKING BEHAVIOR; INDIVIDUAL CHARACTERISTICS; *DEFENSE INDUSTRY; CONTRACT TERMINATION
TUSCON; ARIZONA; HUGHES AIRCRAFT COMPANY

As the result of a defense contract termination over 2,270 employees of Hughes Aircraft Company, the largest manufacturing plant in Tuscon, Arizona, were layed-off, providing the opportunity for this study of (1) the structural characteristics of the defense labor force, (2) unemployment and reemployment experiences of the discharged workers, (3) activities of public and private organizations in alleviating effects of the discharges, and (4) consequences of changes in defense expenditures in a relatively isolated community. Data were obtained from mailed questionnaires returned by 64.3 percent of the 2,277 wage and salary employees terminated between the fall of 1963 and June 8, 1965. The plant's work force was nationally recruited and numbered 5,000 at its employment peak. Among the findings were: (1) 3 months was required for more than half of the discharged workers to find new employment, (2) Finding new employment was complicated by the lack of vacancies at skill levels similar to the Hughes employees, (3) Reemployment was positively related to age, sex, education, Hughes occupation, and mobility, and (4) Government training programs were not applicable to the discharged employees. Recommendations concerned an "early warning system" for pending layoffs, improved labor market information and training programs, and reclassification of occupational titles for comparability between defense and non-defense employment. (ET)

VT 007 072 MP 000 670
Measuring Unemployment in Small Rural Labor Areas--Report on a Household Survey Conducted in Alleghany County, N.C., April 1968.

North Carolina Employment Security Commission, Raleigh. Job Market Research Center
EDRS PRICE MF-$0.25 HC-$1.35
Pub Date - Apr68 25p.

LABOR FORCE; *OCCUPATIONAL SURVEYS; *RURAL AREAS; EMPLOYMENT PATTERNS; *METHODS; *COMPARATIVE ANALYSIS; QUESTIONNAIRES; COMMUNITY SURVEYS; *UNEMPLOYMENT
ALLEGHANY COUNTY; NORTH CAROLINA

The principle objective of the study was to relate the results of the household survey method of gathering labor force data in a small one-county rural labor area to various labor force components--particularly unemployment--as currently derived from estimating procedures and methods used by State Employment Security agencies. The latter method, the "Bureau of Employment Security Handbook Method," developed in 1960, has not heretofore been adequately validated for small rural labor areas, largely due to the lack of data for comparison. A separate mail survey of selected employers was conducted to gather data regarding workers commuting from other areas since the household survey could not include them. Comparison of the results of the two methods, when adjusted for commuters and dual job holders, showed that the Handbook Method accurately measured the amount and the rate of unemployment for Alleghany County. Since some other studies indicate that the Handbook Method at times understates unemployment in small rural areas, further research is required before efforts to adjust that method are made. (ET)

VT 007 074 MP 000 671
Sturmthal, Adolf
A Study of Methods for Forecasting Employment.

Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$3.00
Grant 91-15-66-29
Clearinghouse for Federal Scientific and Technical Education, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22151 (PB 178 008, $.65 microfilm, $3.00 paper copy).
Pub Date - Dec67 58p.

*EMPLOYMENT PROJECTIONS; *MANPOWER NEEDS; *RESEARCH METHODOLOGY; *ECONOMIC RESEARCH; *PREDICTION; STATISTICAL ANALYSIS

The main purpose of the study was to discover whether and to what extent some of the more widely used methods of forecasting manpower requirements improve upon the technique of simple trend extrapolation. An unsuccessful attempt was also made to see whether the methods of "content analysis," so widely and successfully employed in sociological research, could be usefully applied to forecasting some elements required for making estimates of future employment, such as changes in productivity. Data for the railroad industry that was available in 1961 were used to make manpower forecasts to 1964. Since actual employment data for 1964 were also available at the time of this study, the accuracy of the forecasts could be ascertained. The two employment forecasting methods--linear regression prediction and production function estimation--were applied to the data. The methods, underlying assumptions, data needs, utility, and limitations of the two broad methods are discussed. Ten tables are included. (ET)

VT 007 076 MP 000 673
The Effects of Technological Change on Employment in the Lumber Industry. Automation Program Report No. 7.

Oregon State Dept. of Employment, Salem. Research and Statistics Div.Bureau of Employment Security (DOL), Bureau of Employment Security (DOL), Washington, D.C.
EDRS PRICE MF-$1.00 HC-$11.45
Pub Date - Jan68 227p.

*LUMBER INDUSTRY; OCCUPATIONAL SURVEYS; *LABOR CONDITIONS; ECONOMIC STATUS; *OCCUPATIONAL INFORMATION; *MANPOWER NEEDS; *UNEMPLOYED; CASE RECORDS; TECHNOLOGICAL ADVANCEMENT
OREGON

The purpose of this study was to investigate the changes that are occurring in total employment and by occupations within the logging, sawmill, and plywood and veneer phases of the lumber industry of Oregon. Information was gathered through field interviews and observations. Chapters for each industry phase are devoted to: (1) the recent economic history of that phase, (2) increased productivity in the last 15 years, (3) materials handling methods, (4) types of jobs involved, (5) the number of people required to accomplish the work in a typical operation, and (6) comments concerning future operations. Another chapter is devoted to plant closures and the reemployment of the displaced workers with special emphasis on the Portland and North Bend closures. The appendixes include occupational descriptions for 13 logging occupations, 28 sawmill occupations, and 35 plywood and veneer occupations. Each description presents a general picture of the occupation and gives work description, machinery and equipment, minimum qualifications, physical demands and working conditions, and desired worker characteristics. (EM)

VT 007 077 MP 000 674
The Weld County Manpower Survey, 1967.

Colorado Dept. of Employment, Denver. Research and Analysis Section
EDRS PRICE MF-$0.75 HC-$6.80
Pub Date - 68 134p.

*OCCUPATIONAL SURVEYS; *LABOR FORCE; *SEASONAL EMPLOYMENT; SEASONAL LABORERS; AGRICULTURAL LABORERS; LABOR MARKET; OCCUPATIONS; AGRICULTURE; EMPLOYEES; INDIVIDUAL CHARACTERISTICS; *EMPLOYMENT PATTERNS; WAGES; INCOME; UNEMPLOYMENT; QUESTIONNAIRES; EMPLOYMENT STATISTICS
WELD COUNTY; COLORADO

Predominantly agricultural Weld County has areas of high seasonality with short duration of demand for certain occupations. The survey was designed to identify the types of workers in terms of primary and secondary skills who must contend with seasonal work availability patterns to see if their secondary skills could be more fully utilized for a more consistent employment throughout the year. Twenty-eight paid and trained enumerators and five different survey forms were used to acquire information from a 20 percent sample of the cities of Fort Lupton and Greeley and 14,239 out of the 15,301 remaining households in the county. Detailed data relate to the characteristics of the labor force, the nature of the occupations, and aspects of the agricultural and, to some degree, the nonagricultural labor market. Among the survey findings were: (1) During the 1-year period under study--June 1966 to June 1967--there were 21,388 persons employed in the county, 76.7 percent in nonfarm jobs, (2) 2 percent of the workers were nonlocal seasonal farm workers and 1 percent were local seasonal farm workers, (3) 905 persons, representing 129 occupations, experienced some unemployment during the survey period, and 32.4 percent of these were unemployed for 11 to 16 weeks, (4) The overall unemployment rate was 4.2 percent, and (5) Almost 80 percent of the regular hired farm workers earned less than $350 dollars per month. Over 30 detailed statistical tables are included. (ET)

VT 007 078 MP 000 675
Agricultural Worker Age Study, 1967.

Oregon Dept. of Employment, Salem. Research and Statistics Div.
EDRS PRICE MF-$0.25 HC-$2.55
Pub Date - 68 49p.

*OCCUPATIONAL SURVEYS; *LABOR SUPPLY; *AGE; *AGRICULTURAL LABORERS; *SEASONAL LABORERS; MIGRANT WORKERS; YOUTH EMPLOYMENT; EMPLOYMENT STATISTICS; HARVESTING
OREGON

The purpose of this study was to compile available information concerning the age characteristics and size of the seasonal work force available for strawberry, raspberry, caneberry, and pole bean harvests in Oregon. The Oregon Department of Employment uses such data in monthly estimates of the agricultural work force and in complying with Federal and state legislation restricting agricultural employment of youth in their early teens. Age studies for 1966 and 1967 were conducted in conjunction with previously established bi-monthly in-season farm labor employer surveys for the harvest employment in the above mentioned agricultural harvest activities. An effort was made to obtain data from each area which experienced significant harvest activity for these crops. Conclusions based upon the comparison of the 1966 and 1967 surveys are (1) For all practical purposes, the information obtained in the surveys is generally reliable, and (2) Various factors, such as Federal minimum wage legislation, dissimilar economic conditions, and increased emphasis on the improvement of older youth, produced a real shift in the age distribution of seasonal farm workers from 1966 to 1967. (CH)

VT 007 082 MP 000 679
Skill Survey, Northwest Arkansas Region (Benton, Madison, and Washington Counties); A Study Undertaken to Provide an Occupational Profile of the Present Nonagricultural Work Force and to Project Future Labor Demand and Supply by Occupation.

Arkansas Employment Security Div., Little Rock. Reports and Analysis Section
Bureau of Employment Security (DOL), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.45
Pub Date - Mar68 87p.

*OCCUPATIONAL SURVEYS; *EMPLOYMENT PROJECTIONS; EMPLOYMENT PATTERNS; *LABOR FORCE; *LABOR SUPPLY; INDUSTRY; OCCUPATIONS; *MANPOWER NEEDS
ARKANSAS

Over 97 percent of the questionnaires mailed or delivered to a sample of 389 employers were returned, yielding information about present and future labor demand. The 389 employers represented 64 percent of the region's nonagricultural wage and salary employment. Labor supply data were obtained from training establishments, employers, and the State Employment Service's active file. The survey results are presented in narrative, tabular, and graphic form, giving current and future employment information by industry and by occupation for the years 1969 and 1972. General findings included (1) The population will grow annually by 3.5 percent between 1967 and 1972, (2) The labor force will have to grow at about 4 percent each year in order to keep pace with employers' demands for labor, (3) New nonagricultural wage and salary jobs are expected to develop at the rate of about 5.5 percent, or 2,150, each year, with four of every 10 new openings in manufacturing industries and one of six in the clerical and sales occupations, (4) Employer expansion and replacement demands for labor should draw 17,300 workers into the nonagricultural labor force, and only one in four of these are expected to have skills or training which will match anticipated job opening, and (5) Females are entering the labor force at a faster rate than males. (ET)

VT 007 086 MP 000 683
Women in Poverty--Jobs and the Need for Jobs.

Women's Bureau (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$0.35
Pub Date - 68 5p.

*WOMEN; *WORKING WOMEN; *UNEMPLOYED; *ECONOMIC STATUS; *LABOR LEGISLATION; DISADVANTAGED GROUPS; LABOR FORCE NONPARTICIPANTS

Approximately 11.2 million women and girls 16 years of age and over experienced the hardships of poverty in 1966. Of these, 1.8 million were heads of families, many of whom were employed but were unable to lift their families out of poverty. In many impoverished families, women and girls often needed and wanted work but were unable to find it, or lacked the essential education and training to qualify for a job, or were unable to accept employment because of the absence of child care or other supportive services. The median income in 1966 for the 5.2 million families in the United States headed by women was $4,010. Approximately 1.9 million families had annual incomes of less than $3,000, 1.2 million had annual incomes of less than $2,000. More than a fifth of 1.2 million of all families headed by a woman in March 1967, were nonwhite and their median family income in 1967 was only $2,825. Even when the family head worked full-time year round, the median family income in 1966 was only $4,300. Other topics covered by the fact sheet include unemployed women and wage standards. (CH)

VT 007 088 MP 000 685
Report of a Consultation of the Status of Household Employment. (University of Illinois, Chicago Circle Campus, May 20, 1967).

Women's Bureau (DOL), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$3.70
Pub Date - 67 72p.

CONFERENCE REPORTS; *WORKING WOMEN; WORK ENVIRONMENT; *STATUS; DOMESTIC WORKERS; *SERVICE OCCUPATIONS; WORK ATTITUDES; *EMPLOYER EMPLOYEE RELATIONSHIP; NEGROES; DAY CARE SERVICES; *IMPROVEMENT

The purpose of this meeting was to examine ways of developing a new concept of household employment relative to fair wages, working conditions, and performance standards. A secondary purpose was the establishment of guidelines for community action to upgrade the household and related service occupations. Participants represented voluntary organizations, federal, state and local governments, and civic, women's and labor, and business groups, as well as individual household workers and employers. In the keynote address, Dr. Curtis C. Aller proposed the following threefold objective: (1) to recruit and develop skilled workers, (2) to provide jobs at wages and working conditions that give dignity, and (3) to change the attitude of workers and employers so that business like methods of operation are possible. Other sections of the report are a panel on "The Realities and Change Necessary," with Dorothy J. Height as moderator, "What We Must Do," by Esther Peterson, "The Importance of Day Care Service for Working Mothers and Children", by Nancy E. Travis, and "Summary--Our Task Ahead," by Mary Dublin Keyserling. (CH)

VT 007 091 MP 000 688
Survey of Dentists Licensed in Oregon, 1965.

Oregon State Board of Dental Examiners
American Association of Dental Examiners
Public Health Service (DHEW), Washington, D.C. Resource Analysis Branch
EDRS PRICE MF-$0.25 HC-$1.10
Pub Date - Sep67 20p.

OCCUPATIONAL SURVEYS; *DENTISTS;CERTIFICATION; STATE LICENSING BOARDS; DENTAL ASSISTANTS; DENTAL HYGIENISTS; DENTAL TECHNICIANS; PROFESSIONAL EDUCATION; INDIVIDUAL CHARACTERISTICS; HEALTH SERVICES; *EMPLOYMENT STATISTICS
OREGON

As part of a nationwide program, the Oregon Board sent each licensed dentist a survey questionnaire with the 1965 registration form. Of all dentists registering, 73 percent returned the questionnaire, and this group represented 77 percent of the dentists actually located in Oregon. Information from the records of the Oregon Board and the 1966 American Dental Directory of the American Dental Association supplements survey data. Some highlights are: (1) Of the more than 2,300 registered dentists, three-fifths were civilians located in Oregon, of whom 94 percent were active in the profession and, of those active, 95 percent were primarily in private practice, (2) Seven in 10 dentists were located in one of the state's three metropolitan areas, (3) Advanced professional training was reported by one in every six dentists, (4) One in 10 dentists limited his practice to a specialty, primarily orthodontics or oral surgery, and (5) Almost 70 percent of the practitioners employed dental assistants, while dental hygienists and laboratory technicians were employed less frequently. (JK)

VT 007 092 MP 000 689
Brown, Richard A.
Jobs in Utah Nonagricultural Establishments; Occupation-Industry, 1960-1975. Special Manpower Research Series Report No. 2.

Utah State Dept. of Employment Security, Salt Lake City. Research and Analysis
EDRS PRICE MF-$0.50 HC-$3.00
Pub Date - Jun68 58p.

*OCCUPATIONAL SURVEYS; *EMPLOYMENT PROJECTIONS; EMPLOYMENT PATTERNS; *EMPLOYMENT TRENDS; INDUSTRY; STATE SURVEYS; *MANPOWER NEEDS; EMPLOYMENT STATISTICS; OCCUPATIONS
UTAH

The body of this report contains tables summarizing the numbers of employees on nonagricultural payrolls, by industry and by major and minor occupational grouping, for the years 1960, 1965, 1966, 1970, and 1975. Narrative comments accompany each table. Employment trend data for each of 90 industrial groupings were used to project employment by industry to 1970 and 1975, and these results were meshed in matrices with data regarding the occupational composition of each industry. The results, with emphasis given to occupational composition, do not include information on the unemployed, self-employed, or agricultural labor force, nor on employer's replacement needs. The study represents a pioneering effort to produce difficult detailed occupational information from closely related and readily available industry employment data. Some of the data highlights were: (1) Nearly 95,000 new nonagricultural wage and salaried jobs are expected between 1967 and 1975, and over 62,000 of these will be in professional, clerical, and service occupations, (2) By 1975 about one nonfarm job in four will be professional, not counting the self-employed professionals, and (3) Nearly half of the professional and one-third of the clerical jobs will be in government establishments. (ET)

VT 007 094 MP 000 691
Health Manpower Needs in North Carolina 1967-1973.

North Carolina Employment Security Commission, Raleigh. Bureau of Employment Security Research
Bureau of Employment Security (DOL), Washington, D.C.
North Carolina State Board of Education, Raleigh. Dept. of Community Colleges
EDRS PRICE MF-$0.50 HC-$3.45
Pub Date - Dec67 67p.

*OCCUPATIONAL SURVEYS; *EMPLOYMENT PROJECTIONS; EMPLOYMENT PATTERNS; EMPLOYMENT LEVEL; *MANPOWER NEEDS; LABOR SUPPLY; *HEALTH PERSONNEL; HEALTH FACILITIES; HEALTH OCCUPATIONS; STATE SURVEYS
NORTH CAROLINA

The purposes of the study were to determine overall employment growth patterns and the needs for selected occupations through 1973, to identify current job opportunities and training needs, and to recognize existing employment problems. Current and anticipated employment data were collected by questionnaire for 48 occupations in over 1,500 medical and health service facilities, including (1) all hospitals, nursing homes, and rest homes, (2) all county health and welfare departments, (3) all dental and pathology laboratories covered by the State's Employment Security Law, and (4) a 20 percent sample of physicians and dentists in private practice in the State. Supply data were secured from all public institutions which offer formal training in the surveyed occupations, employers, and the State Employment Security Commission offices. Data are presented by type of facility, by occupation, and by area of the state. Study highlights include (1) A 30 percent increase in health manpower employment is expected by 1973, and total employment in health facilities will rise from 66,000 to above 85,000, (2) Almost 83 percent of the jobholders in the surveyed occupations were female, and (3) The supply from schools, on-the-job training and the unemployed is expected to furnish about 80 percent of the health facility manpower requirements, leaving an unplanned and unmet need for training about 3,900 additional workers in selected health occupations. (ET)

VT 007 095 MP 000 692
Manpower and Training Needs Survey of the Lynchburg Metropolitan Area, September 1967.

Virginia Employment Commission, Richmond. Research, Statistics and Information Div.
EDRS PRICE MF-$0.25 HC-$1.75
Pub Date - Jan68 33p.

*OCCUPATIONAL SURVEYS; *EMPLOYMENT STATISTICS; EMPLOYMENT TRENDS; *EMPLOYMENT PROJECTIONS; EMPLOYMENT PATTERNS; *MANPOWER NEEDS; INDUSTRY; LABOR FORCE; WAGES; ECONOMIC CLIMATE; OCCUPATIONAL CLUSTERS; OCCUPATIONS
LYNCHBURG; VIRGINIA

The survey was undertaken to update information published in the 1960 "Manpower and Training Needs Survey." Information on current employment and future demand (1969 and 1973) for nonagricultural workers was collected mainly regarding those occupations requiring at least 1 year of special education or formal training, or the equivalent in apprenticeship or on-the-job training. One of three questionnaire forms was mailed to each of 387 employers, including all those with over 100 employees, in the Lynchburg area. Around 58 percent of the questionnaires were returned. Among the survey findings were: (1) The overall employment distribution in 1969 and 1973 will be about what it is in 1967, 47 percent in manufacturing and 53 percent in nonmanufacturing, (2) Total employment and employment in the approximately 90 occupations surveyed will increase 24.1 and 22.6 percent, respectively, by 1973, (3) Employment in manufacturing industries will grow 22.5 percent by 1973, while in nonmanufacturing the gain will be 25.5 percent, and (4) In the manufacturing group, the chemical industry will grow the fastest and in the nonmanufacturing category the construction, service, and government industries will be about equal growth leaders. (ET)

VT 007 103 MP 000 700
Working Mothers and the Need for Child Services.

Women's Bureau (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.25
Pub Date - Jun68 23p.

*WORKING WOMEN; *MOTHERS; *CHILD CARE; CHILDREN; STATISTICAL DATA; EMPLOYMENT STATISTICS

The purpose of this study was to assess the child care services used by mothers from the nearly 27.5 million working women 16 years of age and over in the United States in March 1967. This study surveyed 6.1 million mothers who worked 27 weeks or more in 1964, either full time or part time, and who had at least one child under 14 years of age living at home. These mothers had 12.3 million children under 14 years of age; 3.8 million under 6 years; 6.1 million, 6 to 11 years; and 2.4 million, 12 and 13 years of age. The survey disclosed that nearly half (46 percent) of these children were cared for in their own homes by their fathers or other relatives or by babysitters or housekeepers. Twenty-eight percent were cared for by their mothers who either worked only during their children's school hours or took care of them while working. Eighteen percent were cared for away from home (only 2 percent in group care); and 8 percent looked after themselves. Nearly half of the children who looked after themselves were 12 and 13 years of age, but almost 4 percent were under 6 years of age. The study includes charts and graphs representing the above statistical data. Recommendations include: (1) the provision of day care services for children under 3 years of age, (2) expansion of training programs for day care counselors, and (3) expansion of day care and homemakers services in state child welfare programs. (CH)

VT 007 109 MP 000 706
Archer, Wayne B.
Computation of Group Job Descriptions from Occupational Survey Data.

Personnel Research Lab., Aerospace Medical Div., AFSC, Lackland AFB, Tex.
EDRS PRICE MF-$0.25 HC-$2.15
PRL-TR-66-12
Pub Date - Dec66 41p.

*JOB ANALYSIS; *OCCUPATIONAL SURVEYS; *COMPUTER PROGRAMS; *OCCUPATIONAL CLUSTERS; DATA ANALYSIS; HEALTH PERSONNEL; OCCUPATIONAL INFORMATION; RATING SCALES; MEDICAL SERVICES; ENLISTED MEN
U.S. AIR FORCE

The purpose of this report is to present detailed examples which illustrate the analysis of occupational survey data, at the task level, by showing computations and printouts of group job descriptions. A simplified presentation is made by using only 10 cases and 10 task statements from the Medical Service job inventory. In addition to checking tasks performed on the job the 10 incumbents were required to rate each task on a "9-point relative time-spent scale." Using these responses composite job descriptions were derived for special groups of incumbents, selected on the basis of background data; and job type members, identified by an automated job clustering program. Computer outputs from both types of analyses are illustrated and explained. (EM)

VT 007 160 ED 023 899
Kahler, Alan Arnold
Factors Related to the Occupations of Nebraska Farm Male High School Graduates.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106 (68-2832, microfilm $3.50, xeroxed $12.15).
Pub Date - 67 2p.

*GRADUATE SURVEYS; *RURAL YOUTH; *HIGH SCHOOL GRADUATES; MALES; EMPLOYMENT EXPERIENCE; *MIGRATION; INCOME; GEOGRAPHIC LOCATION; *FAMILY ENVIRONMENT; *EDUCATIONAL BACKGROUND
NEBRASKA

To investigate the relationships of selected factors to the occupations of male Nebraska farm high school graduates during the time period of 1954 through 1958, data were obtained from the permanent records of 1,120 graduates from 69 randomly selected Nebraska high schools. Chi-square and product-moment techniques were used to analyze questionnaires from the 93 percent response. Specific objectives were to determine the relationships between graduates' occupations and the geographical locations of their high schools, selected characteristics of their home environments, and their educational backgrounds. Some findings were: (1) 38 percent were farmers, 15 percent were in off-farm agricultural occupations, 1 percent were farm laborers, and 46 percent were engaged in non-agricultural occupations, (2) Significant relationships were revealed between agricultural classification of graduates' occupations and semesters of vocational agriculture, value of vocational agriculture, extent of migration, size of home farm, occupational income of graduates, need for knowledge of agriculture, and the economic area in which graduates resided, and (3) Migration of graduate was significantly related to census classification of graduates' occupations, Nebraska economic area of graduate residence, semesters of science and mathematics, occupational income, and participation in extra-curricular activities. This Ph.D. dissertation was submitted to The Iowa State University. (DM)

VT 007 165 ED 023 901
Christensen, Howard Harward
A Program in Agricultural Education in Nevada Based on Off-Farm Agricultural Occupations.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106 (67-10878, microfilm $4.00, xeroxed copy $13.95).
Pub Date - 66 290p.

*AGRICULTURAL EDUCATION; *OFF FARM AGRICULTURAL OCCUPATIONS; *EDUCATIONAL NEEDS; *EMPLOYMENT OPPORTUNITIES; *EMPLOYER ATTITUDES; OCCUPATIONAL SURVEYS; JOB SKILLS; EMPLOYMENT STATISTICS
NEVADA

To investigate the further development of agricultural education in Nevada in light of current and future opportunities for employment in off-farm agricultural occupations, personal interviews were conducted with 363 agricultural firms and 30 agricultural agencies. Data were summarized for the 148 companies where some employees needed agricultural backgrounds or training. Some findings were: (1) 1,985 employees were engaged in off-farm agricultural occupations in 1965, (2) Off-farm agricultural workers were employed in only 118 different firms and 30 government agencies, (3) 78 percent of off-farm agricultural employees were located in two counties, (4) Off-farm agricultural workers were generally employed in small business (5) Nearly one-half of all off-farm agricultural employment was in government agencies, and (6) 154 new employees were needed in off-farm agricultural occupations each year. About 72 percent of the employers indicated their employees needed a broad general education plus competency in agriculture, particularly in agronomy, horticulture, irrigation, and soils. They also wanted their employees to have training in economics and agricultural mechanics. Employers generally believed that agricultural education programs have been inhibited by lack of adequate financing, small numbers of off-farm agricultural firms, and rapid teacher turnover. this Ph.D. dissertation was submitted to The Ohio State University. (DM)

VT 007 171 ED 026 499
Franke, Walter; Sobel, Irvin
The Shortage of Skilled and Technical Workers; An Inquiry into Selected Occupations in Short Supply.

Illinois Univ., Urbana. Inst. of Labor and Industrial Relations
Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$2.00 HC-$24.35 MDTA-5-64
Pub Date - Jun68 485p.

*OCCUPATIONAL SURVEYS; *PARAMEDICAL OCCUPATIONS; TECHNICAL OCCUPATIONS; *LABOR SUPPLY; FIELD INTERVIEWS; RECRUITMENT; EDUCATIONAL PROGRAMS; JOB PLACEMENT; EMPLOYMENT TRENDS; JOB SATISFACTION; *OCCUPATIONAL INFORMATION; *ENGINEERING TECHNICIANS; VOCATIONAL EDUCATION; LABOR MARKET; MANPOWER NEEDS; EMPLOYMENT OPPORTUNITIES; INDIVIDUAL CHARACTERISTICS; EMPLOYMENT PRACTICES; MANPOWER UTILIZATION
ST. LOUIS; CHICAGO

The institutional arrangements through which workers are prepared and employed in selected occupations are examined to determine whether barriers to entry and employment are susceptible to elimination or reduction, and how labor shortages effect employers. It covers six occupations in the St. Louis and Chicago metropolitan areas: licensed practical nurses, medical technologists, electronic and metal engineering technicians, and tool and die makers and designers. Field interviews were conducted in 41 hospitals and 66 industrial establishments in the two areas during 1965 and 1966. General findings included: (1) The labor market for these occupations was largely a local market, (2) Attempts to alleviate shortages were limited to modest changes, in practice, (3) Adjustment situations appear to work best where the product market approaches the competitive model, (4) Broad options of educational preparation and training tend to facilitate adjustment to shortage situations, (5) Wage changes play a mninor role in shortage adjustments, (6) The medical occupations utilized more persons from minority groups, and (7) There was a serious deficiency in the availability and dissemination of relevant occupational information. (EM)

VT 007 202 ED 024 808
Drake, William E.; Tom, Frederick K.T.
Entry Occupations in Off-Farm Agriculture; A Survey and Task Analysis of Entry Level Off-Farm Agricultural Occupations in New York State.

State Univ. of New York, Ithaca. Agricultural Education Div. at Cornell
EDRS PRICE MF-$0.50 HC-$6.20
Pub Date - Jul68 122p.

*OFF FARM AGRICULTURAL OCCUPATIONS; *TASK ANALYSIS; *EMPLOYMENT OPPORTUNITIES; *OCCUPATIONAL INFORMATION; JOB SKILLS; EMPLOYEE ATTITUDES; EMPLOYER ATTITUDES; CURRICULUM DEVELOPMENT; AGRICULTURAL EDUCATION; OCCUPATIONAL CLUSTERS; OCCUPATIONAL SURVEYS
NEW YORK

To ascertain the number of entry level off-farm agricultural jobs by specific job title in New York with implications for curriculum development, 1,110 nonpublic employers were contacted from a population of over 7,000 listed by the New York State Department of Labor. A 70 percent return of the employer survey questionnaire and a 28 percent return of the employee questionnaire yielded the following major findings: (1) There were 38,521 projected off-farm agricultural entry level jobs in private industry, with an anticipated growth of 5.2 percent over a 5-year period, (2) Projected increases in new job positions were greatest in the area of horticultural services, (3) Approximately 20 percent of the off-farm agricultural employees are in the age category of 20 years or younger, (4) Job position turnover rates range from 14 to 46 percent, (5) 404 newly created positions and 5,778 replacement positions are anticipated during the next 5 years, (6) 92 different entry level job titles were identified, with dairy plant workers, salesman drivers, and landscape laborers being the three titles with the largest number of employees, and (8) 14 tasks were identified which were common to 5 or more different job titles. (DM)

VT 007 205 ED 030 710
Jones, Adaline Dorothy Seitz
A Survey to Determine the Knowledges and Skills Needed by Clerical Workers in First-Level Entry Occupations in Digital Computer Installations.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106 (65-3871, microfilm $9.30, xeroxed $34.00).
Pub Date - 64 737p.

BUSINESS EDUCATION; *JOB SKILLS; EMPLOYMENT OPPORTUNITIES; *ENTRY WORKERS; *DIGITAL COMPUTERS; OCCUPATIONAL SURVEYS; DOCTORAL THESES; EMPLOYERS; *EMPLOYMENT QUALIFICATIONS; *EDUCATIONAL NEEDS; CLERICAL OCCUPATIONS; OCCUPATIONAL INFORMATION; CAREER OPPORTUNITIES
OHIO

The purposes of this study were to determine the occupational opportunities for which high school graduates can qualify in the field of digital computer installations, the knowledges and skills needed for employment, the training needed, the pattern of advancement, the effect of automatic coding, and significant recent developments. Sixty-nine computer installations in Ohio were surveyed by mail and 54 occupations were used as a basis for the study. Twenty-seven first-level entry occupations for which high school graduates can qualify were found. In all, 36 specific conclusions were derived and presented in these two volumes. Appended are selection tests, validation studies, forms, and other materials used in the survey. This Ph.D. dissertation was submitted to The Ohio State University. (MM)

VT 007 208 MP 000 708
Women Private Household Workers Fact Sheet.

Women's Bureau (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$0.40
WB-68-132
Pub Date - Mar68 6p.

*WORKING WOMEN; *ECONOMIC STATUS; *LABOR LEGISLATION; WAGES; AGE; RACE; MARITAL STATUS; *DOMESTIC WORKERS; INDIVIDUAL CHARACTERISTICS; HOURS OF WORK

In 1967, 1.7 million women 16 years of age and over were employed as private household workers--including babysitters. Women in private household employment constituted 98 percent of all workers in this occupation. Based on the Social Security Administration poverty-income standard, nearly 60 percent of the workers in this occupation reported incomes below the poverty level. Of those women employed as private household workers, about 54 percent were in the South, about 64 percent were Negro, about 11 percent "lived in," about 74 percent were in urban areas, 53 percent were 45 years of age and over, and the median of years of school completed was 8.9. By and large, workers in this occupation are afforded the protection of the major forms of labor legislation and social insurance from which most other workers benefit. Areas in which they are protected by legislation include minimum wages, maximum hours of work, unemployment compensation, and workmen's compensation. (CH)

VT 007 209 MP 000 709
Why Women Work.

Women's Bureau (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$0.25
WB-68-190
Pub Date - May68 3p.

*WORKING WOMEN; *MOTHERS; *MARITAL STATUS; *ECONOMIC STATUS; *FAMILY STATUS

Millions of the women who worked at some time in 1966 worked to support themselves or others, and even then many were not able to raise their own or their family's income above the poverty level. Nearly all the 6.3 million workers who were divorced, widowed, or separated from their husbands were working for compelling economic reasons. This was true also of the majority of the 7.8 million single women workers and the 3.3 million married women workers whose husbands had an income of less than $3,000 a year. Of the approximately 16 million married women working in March 1967, 2.5 million were mothers who had to work to help support their children, 3 out of 5 of the nonwhite wives who were not living on farms had to work, and 5.2 million were heads of families and worked because of economic necessity. Information presented in this fact sheet indicates that relatively few women have the option of working solely for personal fulfillment. (CH)

VT 007 215
Pavalko, Ronald M.
Social Selection and Labor Force Participation Among Teachers and Nurses.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 24p.; Paper presented at the Annual Meeting of the Southern Sociological Society (Atlanta, April, 1968).

*NURSES; *TEACHERS; *LABOR FORCE NONPARTICIPANTS; *EMPLOYED WOMEN; *FOLLOWUP STUDIES; INDIVIDUAL CHARACTERISTICS
SOUTHERN SOCIOLOGICAL SOCIETY ANNUAL MEETING

This paper is based upon the data from two surveys: a survey of Wisconsin high school seniors in 1957 and a follow-up survey in 1964. Of 9,007 cases successfully followed-up, 4,621 were women and, of these, 437 had become teachers and 211 nurses. Some findings about the teacher and nurse groups were: (1) Community size was related to labor force participation, teachers from smaller communities were more likely to continue working and nurses from the largest community size category were least likely to continue working, (2) Although both teachers and nurses were disproportionately drawn from girls of high measured intelligence, those lower on this variable were more likely to continue working, (3) Both nurses and teachers were disproportionately drawn from the better performers in high school; higher school rank was related to continuance of work in nursing but not in teaching, (4) Nurses who made a career decision before leaving high school were more likely to continue working while the time of the decision was not related to continuance in teaching, (5) For both married nurses and married teachers, the husband's occupational status was unrelated to labor force participation, and (6) Nurses of lower socioeconomic background were more likely to continue working while this factor was unrelated to continuance in teaching. (JK)

VT 007 232 ED 033 187
Know Your LPNs.

National Federation of Licensed Practical Nurses, Inc., New York, N.Y.
EDRS PRICE MF-$0.25 HC-$0.65
National Federation of Licensed Practical Nurses, Inc., 250 West 57th Street, New York, New York 10019 ($.35).
Pub Date - 68 11p.

HEALTH OCCUPATIONS; *PRACTICAL NURSES; *NATIONAL SURVEYS; *EDUCATIONAL BACKGROUND; *INDIVIDUAL CHARACTERISTICS; SALARIES; JOB SKILLS

To obtain a profile of the Licensed Practical Nurse (LPN), questionnaires were mailed in April 1968 to the entire membership of the National Federation of Licensed Practical Nurses, totalling 31,318. As of July 1968 there were 10,454 replies of which the first 5,993 or 57.7 percent were analyzed. Some findings were: (1) 10.6 percent of the respondents were in their 20's and 77.4 percent were 40 or more, (2) 61.5 percent were married, (3) The average yearly income was approximately $4,000, (4) 91.3 percent had attended high school and of these 71.2 percent had graduated, (5) 74.3 percent had attended a school of practical nursing and of these 93.8 percent had graduated, (6) 95.4 percent were employed and of these 79.4 percent were employed full time, (7) 65 percent were employed on hospital staffs, 24.2 percent in private duty, 12.6 percent in nursing homes, 5.7 percent in physicians' offices, and (8) 87.7 percent desired training in two or three different subjects. (JK)

VT 007 246 ED 023 911
Ertel, Kenneth Arthur
Clusters of Tasks Performed by Merchandising Employees Working in Three Standard Industrial Classifications of Retail Establishments. Final Report No. 20.

Idaho Univ., Moscow. Coll. of Education
Idaho State Board for Vocational Education, Boise.
Washington State Univ., Pullman. Dept. of Education
Washington State Coordinating Council for Occupational Education, Olympia
Office of Education (DHEW), Washington, D.C. OEG-4-7-070031-1626 08
EDRS PRICE MF-$0.50 HC-$3.65
BR-7-0031

Pub Date - Jun68 71p.

*RETAILING; *JOB ANALYSIS; *DISTRIBUTIVE EDUCATION; CURRICULUM PLANNING; *MERCHANDISING; EMPLOYEES; EMPLOYEE ATTITUDES; SURVEYS; INDIVIDUAL CHARACTERISTICS; OCCUPATIONAL CLUSTERS

The study assembled up-to-date facts by questionnaire about major types of tasks actually performed by merchandising employees working in department stores, variety stores, and general merchandise stores in King and Pierce Counties, Washington. This population closely matched the national percentages, and responses of 609 employees provided data for the study. Data were obtained regarding 12 categories of work performed by supervisory and non-supervisory personnel: (1) selling, (2) stockkeeping, (3) checkstand operation, (4) receiving and marking merchandise, (5) delivery, (6) keeping records, (7) computing, (8) display, (9) advertising, (10) buying, (11) pricing, and (12) merchandise control. Substantial percentages of non-supervisory personnel perform the tasks of selling, keeping and counting stock, operating the checkstand, and receiving and checking merchandise. Substantial percentages of supervisors regularly perform all the activites of non-supervision as well as tasks associated with keeping records, planning and arranging displays, buying, pricing and controlling merchandise. Data suggest that women have limited opportunity for early employment in the supervisory category, but proportions of women supervisors in the upper age bracket indicate opportunity is enhanced for women who persist in a retailing career. Only limited opportunity exists for non-college youth to move into supervisory positions. (MM)

VT 007 280
Manpower Requirements in Indiana Nursing Homes.

Indiana Employment Security Div., Indianapolis. Research and Statistics Section
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jun68 5p.

*HEALTH OCCUPATIONS; *HEALTH PERSONNEL; *NURSING HOMES; *MANPOWER NEEDS; EMPLOYMENT STATISTICS; EMPLOYMENT PROJECTIONS
*INDIANA

In March 1968, a sample of nursing homes throughout Indiana covered by the Employment Security Act were surveyed to determine current vacancies, current employment, and anticipated needs. Estimates based on this sampling showed total current employment in all nursing homes to be 9,808. This total is expected to climb to almost 13,000 by March 1969. Almost 60 percent of the total employment figure is composed of nurse aides and orderlies. The employment of professional nurses was estimated at 761, a total expected to increase to 992 in a year. Licensed practical nurse employment is expected to rise from the estimated 521 to 773 in a year. The only occupation expected to decline is that of dietician; it is anticipated that as additional food supervisors are trained by dieticians, the services of consulting dieticians will not be used. Measures taken to offset the effects of the labor shortages are: (1) use of consultants in some professional categories, (2) increase in overtime hours worked, (3) use of contracted janitorial and laundry services, (4) use of outside skilled maintenance services, and (5) use of part-time help. (JK)

VT 007 320 ED 029 091
What Can You Do About the Hard-Core Unemployed?

Research Inst. of America, New York, N.Y.
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.
The Research Institute of America, 589 Fifth Avenue, New York, New York 10017 ($4.00).
Pub Date - Jun68 84p.

*LABOR FORCE NONPARTICIPANTS; *UNEMPLOYED; *INDUSTRIAL TRAINING; UNDEREMPLOYED; MANPOWER DEVELOPMENT; BUSINESS; INDUSTRY; RECRUITMENT; EMPLOYMENT EXPERIENCE; *DIRECTORIES; AGENCY ROLE; FEDERAL PROGRAMS; PRIVATE AGENCIES; EMPLOYMENT PROBLEMS; *AGENCIES

American business has received a challenge from the federal government in a national experiment to find jobs for 500,000 "unemployables." The major purpose of this descriptive report was to develop hard facts for use by business men in making decisions concerning participation in the program. The content includes sections on: (1) Who Are the Hard-Core, (2) The Ingredients for Success, (3) The Problem of Recruiting, (4) Screening, Interviewing and Testing, (5) A Candid View of the Training Problem, (6) Anticipate Personal Problems, (7) Getting Help from the Government, and (8) Industry and the Community. The appendixes contain local sources of help in 80 major cities throughout the United States, regional offices of key manpower agencies, private sources of training assistance, and a glossary of agencies engaged in working with disadvantaged youth and hard-core unemployed. (DM)

VT 007 348 ED 024 812
Stevens, David W.
Supplemental Labor Market Information as a Means to Increase the Effectiveness of Job-Search Activity. Final Report.

Pennsylvania State Univ., University Park. Inst. for Research on Human Resources
Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$1.00 HC-$10.45 Contract-81-40-67-05
Pub Date - Aug68 207p.

*JOB APPLICANTS; *INFORMATION UTILIZATION; UNEMPLOYED; EMPLOYMENT; *SUCCESS FACTORS; INFORMATION SERVICES; EMPLOYMENT SERVICES; *LABOR MARKET; *EMPLOYMENT PRACTICES; LABOR ECONOMICS; EMPLOYMENT OPPORTUNITIES; BEHAVIOR CHANGES; EXPERIMENTAL GROUPS; CONTROL GROUPS; QUESTIONNAIRES

The purpose of this study was to discover whether job seekers can be expected to act on the basis of new knowledge about the local labor market, and if they do act, whether their probability of success in finding a job is increased. This supplementary labor market information experiment was conducted in a single employment service office and included 777 male registrants: 390 in the experimental group, 387 in the control group. Twenty-seven percent of the participants were Negro, 80 percent were between 20 and 50 years of age, 46 percent had 12 or more years of education, and 48 percent had three or more dependents. The findings include:

(1) The level of search activity for participants of the experimental group was 40 percent higher than the control group, (2) Negro recipients of the supplemental information were significantly more successful in finding jobs during the 8-week study period than were Negro participants in the control group, and (3) The receipt of supplemental information did not significantly affect the length of time that the participants were unemployed after registering with the employment service. (CH)

VT 007 381 ED 025 636
Hoff, Wilbur, And Others
Home Health Aide Pilot Training Project. Final Evaluation Report.

Alameda County Health Dept. Oakland, Calif.
Office of Economic Opportunity, Washington, D.C. Community Action Program
EDRS PRICE MF-$0.75 HC-$6.50 Grant CG-8367-A
Pub Date - Feb68 128p.

*COMMUNITY HEALTH SERVICES; *NURSES AIDES; PROGRAM DEVELOPMENT; PROGRAM EVALUATION; *HEALTH OCCUPATIONS EDUCATION; COMPANIONS (OCCUPATION); *PILOT PROJECTS; *ECONOMICALLY DISADVANTAGED; COUNSELING; RECRUITMENT; COST EFFECTIVENESS; EDUCATIONAL PROGRAMS; MIDDLE AGED; PARTICIPANT CHARACTERISTICS; ACHIEVEMENT TESTS
*HOME HEALTH AIDE PILOT TRAINING PROJECT; ALAMEDA COUNTY HEALTH DEPARTMENT; CALIFORNIA

Through the use of group interviews in which individuals were stimulated to interact on key questions, 100 applicants over the age of 45 and with incomes below the poverty standard were selected for training in two different 11-week training sessions. There were no requirements of education or experience. The first phase of the program was in a classroom-demonstration-discussion setting, the second phase in nursing homes, and the final phase in patients' homes. A basic education program was integrated with the vocational training. Eighty-three trainees successfully completed the course; of the 17 who did not finish, only two with reading levels of 3.7 and 4.6 respectively were terminated for lack of scholastic ability and were placed into basic education programs full time in preparation for entry into a future home health aide class. A performance evaluation of 24 members of the first class who were employed immediately after graduation, indicated all were performing at a satisfactory level or above. Some recommendations are included. Economic costs and benefits are analyzed in the report and among attachments are a job description, a sample lesson plan, reports of group counseling meetings, a final course quiz, and a sample single lesson quiz, a performance checklist form, and a performance evaluation form. (JK)

VT 007 465 ED 025 643
Wilson, Richard Arlen
Architectural Drafting Needs as Indicated by Selected Iowa Industries, Architects, and Engineering Firms.

Iowa State Univ. of Science and Technology, Ames. Dept. of Industrial Education
Iowa State Dept. of Public Instruction, Des Moines. Vocational Education Branch
EDRS PRICE MF-$0.25 HC-$1.75
Pub Date - 68 33p.

TRADE AND INDUSTRIAL EDUCATION; *DRAFTSMEN; EMPLOYMENT OPPORTUNITIES; *EDUCATIONAL NEEDS; *EMPLOYMENT PROJECTIONS; ARCHITECTURE; EDUCATIONAL OPPORTUNITIES; EMPLOYMENT QUALIFICATIONS; *MANPOWER NEEDS; *OCCUPATIONAL SURVEYS; EMPLOYER ATTITUDES
IOWA

To determine the number of architectural draftsmen needed in the state of Iowa and the skills and knowledge they should possess, 297 industries, architects, and engineering firms were surveyed with an 83.84 percent response. Major objectives were: (1) to identify employers of architectural draftsmen, (2) to ascertain skills and technical knowledge needed, (3) to determine the demand for architectural draftsmen at the time of the study and the projected demand for the next 5 years, and (4) to determine the present source of architectural draftsmen at the time of the study and the projected demand for the next 5 years, and (4) to determine the present source of architectural draftsmen presently being employed. Employers desired draftsmen to be proficient in verbal communication, spelling, listening and note taking, advanced arithmetic, plane geometry, and basic algebra as well as various drafting practices. The minimum recommended level of education for the 599 architectural draftsmen needed in the state of Iowa in the next 5 years is vocational-technical school or some college education. Some conclusions were (1) there is a need for well-trained architectural draftsmen, (2) programs for their training should be developed in Iowa's post-secondary schools, (3) the main source of presently employed draftsmen is colleges and universities, and (4) it is difficult for firms to accurately predict the number of additional employees needed beyond 1 year. (DM)

VT 007 466 ED 026 507
Manpower Research Projects Sponsored by the U.S. Department of Labor...Through June 30, 1968.

Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$1.00 HC-$11.25
Pub Date - Oct68 223p.

*ABSTRACTS; *ANNOTATED BIBLIOGRAPHIES; *RESEARCH PROJECTS; *MANPOWER DEVELOPMENT; *FEDERAL PROGRAMS; DOCTORAL DISSERTATIONS; GRANTS; RESEARCH PROPOSALS
MANPOWER DEVELOPMENT AND TRAINING ACT TITLE I RESEARCH PROJECTS; ECONOMIC OPPORTUNITY ACT TITLE I RESEARCH PROJECTS; MDTA TITLE I RESEARCH PROJECTS; EOA TITLE I RESEARCH PROJECTS

This catalog describes the status and content of research programs which were either developed or administered by the Office of Manpower Research under Title I of the Manpower Development and Training Act (MDTA) or the Economic Opportunity Act for the fiscal year ending June 1968. Brief summaries are given for 71 active MDTA research contracts, seven active institutional grants, 78 active doctoral dissertation grants, 41 active research project grants, and 16 active Bureau of Work-Training Programs. Abstracts are given for 22 completed MDTA research contracts, 15 completed dissertation grants, and 13 completed research project grants. A list of reports completed for fiscal years 1963 to 1968 are also included. Proposal guidelines for each of the categories of grants or contracts are given. The appendixes include Title I of MDTA, an index of contractor and grantee organizations, an index to individuals associated with the contracts and grants, and a subject index. (EM)

VT 007 471
Iowa Business Patterns by County Groupings, 1965-1967.

Iowa Research Coordinating Unit, Des Moines
MF AVAILABLE IN VT-ERIC SET.
1068V-1227RCU
Pub Date - 68 71p.

*BUSINESS CYCLES; *STATISTICAL SURVEYS; *EMPLOYMENT STATISTICS; OCCUPATIONS; INDUSTRY; EMPLOYMENT TRENDS
IOWA

This report is a compilation of employment statistics by county in Iowa. These data have been derived from County Business Patterns, a publication of the U.S. Department of Commerce, Bureau of the Census. The reports are a statistical by-product taken from employment and payroll information supplemented by a special survey of multi-unit companies. This special survey was designed to provide additional details on industries and counties. These employment data provide information by standard industrial classification and county groupings, useful for analyzing the industrial structure of regions, making basic economic studies of areas, and serving other business uses. An attempt was made to group the counties concomitant to the newly established post-high school education areas in Iowa. (CH)

VT 007 489 ED 025 651
Kerr, Elizabeth E., And Others
Practical Nursing in Iowa: A Profile. A Study of the Developments, Trends and Current Status of Practical Nursing in Iowa.

Iowa University, Iowa City. Div. of Medical Affairs
Iowa Research Coordinating Unit, Ames.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$6.75
Pub Date - 31Jul68 133p.

*OCCUPATIONAL SURVEYS; *PRACTICAL NURSES; CERTIFICATION; MIGRATION PATTERNS; STATISTICAL DATA; INDIVIDUAL CHARACTERISTICS; *PRACTICAL NURSING; *HEALTH OCCUPATIONS EDUCATION; PROGRAM DESCRIPTIONS; STATE SURVEYS; STATE LEGISLATION; EDUCATIONAL PROGRAMS; PROFILE EVALUATION; LONGITUDINAL STUDIES; EMPLOYMENT PATTERNS; ADMISSION CRITERIA; STATE LICENSING BOARDS; *HISTORICAL REVIEWS; PROGRAM DEVELOPMENT
IOWA; INTEGRATED LONGITUDINAL STUDY OF PRACTICAL NURSING

This sub-study of a 39-month longitudinal study conducted by the University of Illinois in cooperation with the University of Iowa, undertook to discern the trends in practical nursing in Iowa and to record a history of its development. The 435 member 10 percent random sample of practical nurses licensed in Iowa through December 1965, which was utilized in the major project, was used for this study. Data collected from the records of the Iowa Board of Nursing included selected personal, social, and education characteristics, basis of licensure (education or experience), and activity or inactivity of the current license. Among the findings were: (1) 136 nurses were licensed on the basis of experience (all prior to 1965) and 299 were licensed on the basis of education, (2) Only seven members of the sample were men, (3) A median age of 29 for the "education group" indicates a trend toward a younger practical nurse population, (4) Inactive licenses were held by 6 percent of the "education group" under 24, 25 percent between 25 and 44, 8 percent between 45 and 59, and 17 percent over 60, (5) The number of address changes reported by subjects indicated a high degree of stability. It was recommended that practical nurses be prepared to accomodate replacement needs as well as increased demands. (JK)

VT 007 491 ED 026 510
Tate, Barbara L.; Knopf, Lucille
Nurse Career-Pattern Study. Part I: Practical Nursing Programs.

National League for Nursing, New York, N.Y.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$9.85 OEC-5-85-036 08
BR-5-0039
Pub Date - 68 195p.

*PRACTICAL NURSES; *LONGITUDINAL STUDIES; *EMPLOYMENT PATTERNS; INDIVIDUAL CHARACTERISTICS; *HEALTH OCCUPATIONS EDUCATION; JOB SATISFACTION; QUESTIONNAIRES; *STUDENT CHARACTERISTICS; SUCCESS FACTORS; DROPOUT CHARACTERISTICS; OCCUPATIONAL CHOICE; WITHDRAWAL; NATIONAL SURVEYS; GRADUATES; DROPOUTS; GRADUATE SURVEYS

The overall nurse career-patterns study actually consists of four concurrent longitudinal studies relating to the four kinds of nursing programs in which, if possible, each subject will be followed from the time of entrance through a 15-year period after graduation. The practical nurse study seeks to determine whether certain biographical data or stated reasons or goals for entering practical nursing programs relate to the probability of program completion and employment as a graduate. Over 3,000 1962 enrollees were chosen as a 20 percent random sample of the 693 approved practical nursing programs in existence at the beginning of the study. At the time of the report, each person had completed a maximum of three questionnaires: one on entrance to the training program, one on graduation, and a third 1 year after graduation. The findings to date indicate a composite picture of the person most likely to succeed as a woman over 25, married, and a member of the lower middle income group. She should show signs of stability, modest ability, need, and a commitment to others. Her high school accomplishment would have been average. Some factors found to be important to trainees were convenience of program location and availability of employment. (JK)

VT 007 546 ED 026 516
Manpower and Operations Research Studies of the U.S. Employment Service and State Employment Services 1958-1967. A Selected Bibliography.

Bureau of Employment Security (DOL), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$7.75
BES No. E261
Pub Date - 68 153p.

*BIBLIOGRAPHIES; *RESEARCH PROJECTS; *EMPLOYMENT SERVICES; FEDERAL PROGRAMS; *EMPLOYMENT OPPORTUNITIES; EMPLOYMENT STATISTICS; *OCCUPATIONAL SURVEYS; LABOR MARKET; STATE PROGRAMS; UNEMPLOYMENT; FEDERAL AGENCIES; STATE AGENCIES; JOB ANALYSIS; TESTING PROGRAMS; COUNSELING SERVICES; AGRICULTURAL WORKERS; HUMAN RESOURCES

The purpose of this extensive bibliography is to acquaint researchers, in the employment security system, and in other groups with a wide range of employment studies. Items resulting from research activities over a 10-year period are categorized by states under these headings: (1) Studies of Employment Office Services to Workers and Employers, (2) Job Opportunity Research, (3) Improvement of Employment and Related Establishment Data, (4) Improving State and Area Unemployment and Related Labor Force Data, (5) Special Manpower and Job Market Studies, (6) Occupational Analysis Research, (7) Test Development Research, (8) Studies of Counseling Research, (9) Studies of Agricultural Workers, and (10) Human Resources Development Studies. (EM)

VT 007 556
Projected Training Needs for Health Service Occupations. Arizona's Challenge. Research Report.

Arizona Health Services Education Association, Phoenix
Arizona State Dept. of Vocational Education, Phoenix
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 30Sep66 74p.

*HEALTH OCCUPATIONS; EMPLOYMENT STATISTICS; EMPLOYMENT PROJECTIONS; *MANPOWER NEEDS; *EDUCATIONAL NEEDS; HEALTH SERVICES; LABOR SUPPLY; *HEALTH PERSONNEL; PHYSICAL THERAPISTS; DENTAL HYGIENISTS; NURSES; PRACTICAL NURSES
ARIZONA

The project surveys the projected need for health service personnel for a selected group of occupations in Arizona, and their future availability. Some highlights of the survey are: (1) The demand for workers will grow more rapidly than the population, while immigration will barely be adequate to offset regular losses due to death, retirement, etc., (2) Arizona's dependence upon other states for trained health service personnel is exemplified by the fact that 85 percent of the newly registered nurses have been educated elsewhere, (3) Over the next decade, the state needs to train annually 300 to 400 registered nurses, 300 to 400 licensed practical nurses, 400 to 600 nurse aides, 35 to 40 medical assistants, 35 to 40 surgical technicians, and 10 to 15 occupational therapists. (JK)

VT 007 565 ED 028 258
Personnel Policies Forum. Survey No. 83; Effective Utilization of Manpower.

Bureau of National Affairs, Inc., Washington, D.C.
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS.
Bureau of National Affairs, Inc., 1231 25th Street, N.W., Washington, D.C. 20037 ($2.00).
Pub Date - Aug68 24p.

*MANPOWER UTILIZATION; *PERSONNEL POLICY; *EMPLOYMENT LEVEL; MANAGEMENT; EMPLOYER ATTITUDES; LABOR UNIONS; *EMPLOYMENT PRACTICES; EMPLOYER EMPLOYEE RELATIONSHIP; INDUSTRY; *MANPOWER NEEDS; MANPOWER DEVELOPMENT; COMMUNICATION (THOUGHT TRANSFER); GOAL ORIENTATION; NATIONAL SURVEYS

The purpose of this study was to discover what private companies are doing in the field of manpower utilization. Aspects of the subject covered by this survey are manpower audit, motivation, temporary help, handling of job changes, and the union's effect on manpower utilization. Sixty-five percent of the participating companies employ 1,000 or more employees. It was found that 86 percent of the companies communicate company goals to employees, and 76 percent report that they take steps to identify individual employee's goals. More than one-fourth report some experience in tailoring a job to fit an employee's talents. More than half of the companies have some plan for coordinating staffing requirements so that surplus manpower in one area can be loaned to other areas with shortages. Of those companies that have compared the efficiency of regular employees on overtime with the efficiency of temporary employees, 45 percent say that the regular employees are more efficient, while 30 percent found the reverse to be true. Topics covered by the report include Manpower Analysis, Achieving Effective Utilization of Manpower, Manpower Shortages, and Problems in Accomplishing Proper Utilization of Manpower. (CH)

VT 007 572 ED 025 657
Sandmeyer, Robert L.; Warner, Larkin B.
The Determinants of Labor Force Participation Rates, With Special Reference to the Ozark Low-Income Area. Final Report.

Oklahoma State Univ., Stillwater. Research Foundation
Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$6.85 OEC-81-38-66-20
Pub Date - Apr68 135p.

*LABOR FORCE; *LABOR FORCE NONPARTICIPANTS; *SOCIOECONOMIC INFLUENCES; RURAL AREAS; *FAMILY INFLUENCE; FAMILY INCOME; RACIAL FACTORS; ECONOMIC CLIMATE; ECONOMIC DISADVANTAGEMENT; ECONOMIC FACTORS; EMPLOYMENT PATTERNS; FAMILY (SOCIOLOGICAL UNIT); *MODELS; ECONOMIC DEVELOPMENT; LOW INCOME GROUPS; LOW INCOME COUNTIES; ECONOMIC RESEARCH
OZARK LOW INCOME AREA; ARKANSAS; MISSOURI; OKLAHOMA

The study's primary purpose was to identify and evaluate the relative importance of factors responsible for the generally low labor force participation rates observable in the Ozark Low-Income Area, and variations in rates within the areas itself. The study focused on 108 contiguous, rural-oriented, low-income counties in the states of Arkansas, Missouri, and Oklahoma, an area with income growth lagging behind that of the nation. Data for the analysis were taken from censuses and other published data. The authors felt the study's contributions to the general body of labor force participation analyses were to be found in its geographic setting and in its methodology focusing on the family as a decision-making unit regarding labor force participation. A crude model was developed in which the key factors affecting labor force participation were classified as need variables, opportunity variables, and family structure variables. The data were then analyzed using a stepwise multiple regression program which revealed that two variables, percent of personal income from nonwork sources and percent nonwhite account for about 50 percent of the variation in standardized male participation rates. Other findings and specific directions for further research are also discussed. (ET)

VT 007 573 ED 026 519
Study of Minority Group Employment in the Federal Government.

Civil Service Commission, Washington, D.C.
EDRS PRICE MF-$1.00 HC-$11.85
Pub Date - 67 235p.

STATISTICAL DATA; *MINORITY GROUPS; *EMPLOYMENT STATISTICS; *FEDERAL GOVERNMENT; *ETHNIC GROUPS; SALARIES; *GOVERNMENT EMPLOYEES; OCCUPATIONAL SURVEYS; NATIONAL SURVEYS; AGENCIES; COMPARATIVE ANALYSIS

Data on Negroes, Spanish Americans, American Indians, Orientals, Aleuts, and Eskimos for the year 1967 are presented in 142 tables. Included in the tables are: (1) Negro employment world wide and by selected agency, (2) Negro employment by civil service region, (3) Negro employment by state, (4) Negro employment by standard metropolitan statistical areas, (5) Spanish-American employment, (6) Spanish-American employment by department and agency in the Southwest, (7) Oriental employment, (8) American-Indian employment, (9) Aleut and Eskimo employment in Alaska, (10) General pay schedules, and (11) Postal Field Service pay schedules. (DM)

VT 007 579 ED 026 521
Heneman, Herbert G., Jr.; Seltzer, George
Manpower Planning and Forecasting in the Firm: An Exploratory Probe. Final Report.

Minnesota Univ., Minneapolis. Industrial Relations Center
Office of Manpower Policy, Evaluation and Research (DOL), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$9.30
Pub Date - Mar68 184p.

OCCUPATIONAL SURVEYS; LABOR FORCE; *MANPOWER NEEDS; *EMPLOYMENT PROJECTIONS; *MODELS; *CASE HISTORIES; *FEASIBILITY STUDIES; LABOR SUPPLY; QUESTIONNAIRES; MANPOWER UTILIZATION; PREDICTION; EMPLOYMENT PATTERNS; LABOR ECONOMICS

Data were collected from 69 large employers and interviews were held with 25 of these for purposes of introducing the researchers to research in the problems of manpower planning and forecasting. Findings from this heuristic survey of employers included: (1) 72 percent forecast some of their manpower requirements, (2) 36 percent forecast external manpower supply, (3) 59 percent began such forecasting in the past 5 years, (3) 60 percent consider sales and 45 percent consider labor supply for forecasting, and (5) 34 percent forecast requirements for all employee groups. Nineteen case studies are included, focusing on a description of the reporting unit, interesting features of their forecasting techniques, and description of techniques. Data collection instruments and a discussion of the methodology are included in the appendix. (EM)

VT 007 585 ED 032 391
Technology and Manpower in the Textile Industry of the 1970's. Bulletin No. 1578.

Bureau of Labor Statistics (DOL), Washington, D.C.
EDRS PRICE MF-$0.50 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (L2.3:1578, $.60).
Pub Date - Aug68 87p.

MANPOWER NEEDS; *TECHNOLOGICAL ADVANCEMENT; *INDUSTRY; *AUTOMATION; *EMPLOYMENT TRENDS; EVALUATION; MANPOWER DEVELOPMENT; EMPLOYMENT PROJECTIONS; OCCUPATIONAL INFORMATION; WORK ENVIRONMENT; *PRODUCTIVITY; UNEMPLOYMENT; WOMEN WORKERS; NEGRO EMPLOYMENT; INDUSTRIALIZATION; EMPLOYMENT PRACTICES; SPECIALIZATION
*TEXTILE INDUSTRY

This bulletin describes changes in technology in the textile industry, one of the major industries of the economy, projects their impact on productivity, employment, and occupational requirements, and discusses methods of adjustment. It is designed to partially meet the requirement of the Manpower Development and Training Act that the Secretary of Labor "evaluate the impact of and benefits and problems created by automation, technical progress, and other changes in the structure of production and demand on the use of the nation's human resources; establish techniques and methods of detecting in advance the potential impact of such developments;..." The focus of this study includes the following topics: trends toward modernization, technology in the 1970's, shift to man-mades, potential for technological advance, production prospects, imports increase, employment and unemployment outlook, women in textile mills, outlook for Negro employment, more patrolling and monitoring, implications for education and training, and adjustments to technological change. (CH)

VT 007 629 ED 025 664
Heavy Equipment Operator Survey. Final Report.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.75 OEG-4-7-063046-1612 08

Pub Date - Oct68 33p.

*OPERATING ENGINEERING; *OCCUPATIONAL SURVEYS; CONSTRUCTION INDUSTRY; *MANPOWER NEEDS; *EDUCATIONAL NEEDS; QUESTIONNAIRES; OCCUPATIONAL INFORMATION; WAGES; EMPLOYER ATTITUDES; EMPLOYMENT PROJECTIONS; EMPLOYMENT QUALIFICATIONS
UTAH

Objectives of this study were to estimate the present and future size of the labor market for heavy equipment operators in Utah, to determine the adequacy of present operators, and to poll the construction industry for the need of state sponsored training programs. Responses were received to a mailed questionnaire from 27 employers of heavy equipment operators. Findings included: (1) These employers utilized 285 full time operators, and had 10 job openings, (2) Projected needs for the coming year totalled 52, (3) 812 seasonal operators were utilized with 233 job openings, (4) 209 job applicants had not been hired due to lack of skill, (5) Nine employers had training programs, and (6) 26 of the employers favored a state-sponsored training program. Also included are the questionnaire, occupational information, and wage information. (EM)

VT 007 632 ED 025 665
Okun, Arthur M.
Economic Issues for the Future. Seminar on Manpower Policy and Program (Washington, D.C., February 15, 1968).

Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.90
Pub Date - Sep68 36p.

*ECONOMIC FACTORS; FEDERAL PROGRAMS; *PUBLIC POLICY; FEDERAL GOVERNMENT; *EMPLOYMENT LEVEL; SPEECHES; MANPOWER DEVELOPMENT; *CONSUMER ECONOMICS; *CONFERENCE REPORTS; ECONOMIC PROGRESS
*SEMINAR ON MANPOWER POLICY AND PROGRAM

A continuing major challenge for every industrial nation is the reconciling of high employment with price stability. The United States is entering its eighth year of economic expansion, due in part to the "stimulus" economic policies of the federal government. Employment levels, while not full, are aimed at 3.75 percent unemployment for 1968, so that we can conserve the possibilities for greater employment later and not jeopardize the opportunity for maintaining expansion. Accelerating inflation is not acceptable and policy makers will feel pressure to hold the economy down and to adopt the main objective of stopping inflation. Consumer's savings have kept our economy from going through the roof and the President has appealed for voluntary restraint with a three-pronged program including stabilizing the growth of demand, voluntary cooperation, and an attack on structural impediments to efficiency and cost reduction. The latter includes the establishment of a Cabinet Committee on Price Stability which will deal with inflationary bias built into our economy. If wage-price spiral disturbances can be lessened and continued manpower training can help smooth the path our program should work. The text of a question-answer session is included. (EM)

VT 007 691
Manpower in Oklahoma. South-Central Region.

Oklahoma Employment Security Commission, Oklahoma City. Research and Planning Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Nov68 50p.

*OCCUPATIONAL SURVEYS; *MANPOWER NEEDS; OCCUPATIONS; *EMPLOYMENT PROJECTIONS; ECONOMIC FACTORS; INDUSTRY; OFFICE OCCUPATIONS; MANAGERIAL OCCUPATIONS; TECHNICAL OCCUPATIONS; *ECONOMIC CLIMATE; *EMPLOYMENT; INDUSTRIAL STRUCTURE; EMPLOYMENT STATISTICS
OKLAHOMA

This manpower survey was designed to determine current and future manpower needs by industry division, major occupational group, and selected occupations. Nonfarm wage and salary employment in South-Central Oklahoma is forecast to reach 32,890 by June 1960, an increase of 2,810, or 9.3 percent from the June 1967 figure. Furthermore, 5 years from the survey date such employment can be expected to reach 35,220--an advance of 5,140 jobs or 17.1 percent. The greatest proportional, as well as absolute job increase over both projection periods, is expected in manufacturing. Specifically, factory employment should advance to 5,520 in June 1969, up 1,010 or 22.4 percent from the survey date. Looking forward 5 years, such employment should reach 6,190--an increase of 37.2 percent. The greatest proportional growth is expected to develop in machine trades occupations. Forecast advances of 22 percent and 39 percent would provide the economy with 309 and 549 new work opportunities in those occupations over the two projection periods. Largest numerical gains projected to occur in the professional-technical-managerial ranks were 577 and 1,110 new jobs becoming available in the 2- to 5-year periods, respectively. (CH)

VT 007 702 ED 026 525
Parnes, Herbert S., And Others
The Pre-Retirement Years: A Longitudinal Study of the Labor Market of the Cohort of Men 45-59 Years of Age. Vol. I.

Ohio State Univ., Columbus. Center for Human Resource Research
Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$1.25 HC-$15.25
Pub Date - Oct68 303p.

*LABOR FORCE; *MALES; *EMPLOYMENT EXPERIENCE; UNEMPLOYMENT; LABOR ECONOMICS; ECONOMIC FACTORS; SOCIAL FACTORS; INDIVIDUAL CHARACTERISTICS; EMPLOYMENT PATTERNS; WAGES; EMPLOYEE ATTITUDES; *OCCUPATIONAL MOBILITY; HEALTH CONDITIONS; FAMILY CHARACTERISTICS; JOB SATISFACTION; JOB TENURE; WORK ATTITUDES; VOCATIONAL EDUCATION; RETIREMENT; *ADULTS; COOPERATIVE ANALYSIS
NATIONAL LONGITUDINAL SURVEYS; NATIONAL LONGITUDINAL LABOR MARKET SURVEYS

Part of the National Longitudinal Surveys which will also examine the labor market experience over a 5-year period of women aged 30-44 and young men and women 14-24 years of age, this first report analyzes a large number of economic, social, and psychological variables. It seeks to describe and explain variations in the labor market position of the males who were between the ages of 45-59 at the time of the initial interview in mid 1966. Forthcoming annual surveys of this same cohort will allow analysis of labor market experience and behavior, including mobility, over time. Data were derived from personal interviews with a multi-stage probability sample of 5,043 males in the civilian noninstitutional population. Attitudinal measures were included in the questionnaire. Some conclusions were: (1) There is hardly a dimension of labor market behavior in which black men and white men do not differ, although these differences disappear in some cases when occupation is controlled, and (2) The presence of health problems is related to low labor force participation, high unemployment, low commitment to work, high propensity to retire, low rates of pay (even within major occupation groups), and relatively more dissatisfaction with current job. Numerous tables are included. (ET)

VT 007 726 ED 027 402
Bergmann, Barbara R.; Kaun, David E.
Structural Unemployment in the United States.

Brookings Inst., Washington, D.C.
Economic Development Administration (DOC), Washington, D.C.
EDRS PRICE MF-$0.75 HC NOT AVAILABLE FROM EDRS.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (C46.2:UN2, $.65).
Pub Date - 67 133p.

*ECONOMIC RESEARCH; *LABOR ECONOMICS; *UNEMPLOYMENT; *LABOR MARKET; MODELS; ECONOMIC FACTORS; EMPLOYMENT PATTERNS; EMPLOYMENT PROBLEMS; EMPLOYMENT TRENDS; LABOR FORCE; *BUSINESS CYCLES;
*STRUCTURAL UNEMPLOYMENT

An attempt was made in this study to clarify the concept of structural unemployment, defined as the amount of unemployment (less minimum frictional and seasonal unemployment) that remains at the level of demand which is consistent with general price stability. A principle objective of the study was to examine in some detail the changes in the characteristics of the labor force during recent years in an attempt to estimate the target unemployment rate, that point where additional increases in demand would produce continuing inflation as a result of labor shortages. This was done by measuring the contribution to structural unemployment of skill shortages, regional demand patterns, and employability of youths and Negroes and by determining whether structural unemployment from these sources had changed since 1953. It was concluded that 3.7 percent is the upper limit of a band of unemployment rates within which the borderline of conditions of significant labor shortages is located. This includes a maximum estimate of 2.3 percent of the labor force as structurally unemployed. Detailed discussion of methods and computations is included. (ET)

VT 007 727 ED 028 260
Technological Trends in Major American Industries. Bulletin No. 1474.

Bureau of Labor Statistics (DOL), Washington, D.C.
EDRS PRICE MF-$1.25 HC NOT AVAILABLE FROM EDRS.
Pub Date - 66 274p.

*TECHNOLOGICAL ADVANCEMENT; *INDUSTRY; TECHNOLOGY; AUTOMATION; *OCCUPATIONS; DEMAND OCCUPATIONS; SKILL OBSOLESCENCE; EMPLOYMENT TRENDS; *EMPLOYMENT PATTERNS; EMPLOYMENT OPPORTUNITIES; *COLLECTIVE BARGAINING; EMPLOYMENT PROJECTIONS; PRODUCTIVITY; PRODUCTION TECHNIQUES; INVESTMENT; CYBERNETICS; ECONOMIC RESEARCH; MANPOWER UTILIZATION; BIBLIOGRAPHIES

This bulletin appraises some of the major technological changes emerging among American industries, and it projects the impact of these changes over the next 5 to 10 years on patterns of employment, occupations, and issues requiring labor-management adjustment. The bulletin extends and updates the report, "Technological Trends in 36 Major American Industries," which was issued in 1964 for the President's Advisory Committee on Labor-Management Policy. Major industries are covered in 40 separate reports in the bulletin, some covering groups of related industries, and the emphasis in each report is on the outlook for technological changes. Published sources, consultations with experts, and analyses of statistical data were all used in the report's preparation. Statistical data pertaining to productivity, production, employment trends, investment, and research and development, all of which provide a quantitative basis for assessing the implications of technological change, are shown in charts and tables and are analyzed in the text. Among the implications were: (1) All industries will be affected, to some degree, by changes in equipment, methods of production, materials, and products, (2) Employment prospects in the industries studied are generally favorable, and (3) Prospective technological changes will continue to reduce the proportion of jobs involving primarily physical and manual ability and to increase the need for jobs requiring ability to work with data and information. (ET)

VT 007 744 ED 028 262
Work Force Adjustments in Private Industry. Their Implications for Manpower Policy. Manpower Automation Research Monograph No. 7.

Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$6.45
Manpower Administration, U.S. Department of Labor, 14th Street and Constitution Avenue, N.W., Washington, D.C. 20210.
Pub Date - Oct68 127p.

*LABOR FORCE; INDUSTRY; *LABOR MARKET; *PERSONNEL POLICY; MANPOWER UTILIZATION; MANPOWER DEVELOPMENT; BUSINESS CYCLES; TECHNOLOGICAL ADVANCEMENT; *LABOR ECONOMICS; EMPLOYMENT PRACTICES; EMPLOYER EMPLOYEE RELATIONSHIP; EMPLOYERS; *INDUSTRIAL PERSONNEL; INDUSTRIAL STRUCTURE; FEDERAL PROGRAMS; VOCATIONAL EDUCATION; JOB TRAINING; CONFERENCE REPORTS
*INTERNAL LABOR MARKETS; CONFERENCE ON WORK FORCE ADJUSTMENTS IN PRIVATE INDUSTRY AND THEIR IMPLICATIONS FOR MANPOWER POLICY, WASHINGTON, D.C., MAY 18, 1967

The first part of this monograph represents the proceedings of a 1-day conference of manpower analysts on the processes by which private industry meets changing manpower requirements and the implications of these work force adjustments for manpower policy. The second part consists of the report on which the conference discussion was based. The report is a summary of two doctoral dissertations prepared under grants from the Manpower Administration and is entitled, "Internal Labor Markets, Technological Change, and Labor Force Adjustment," by Peter Doeringer and Michael Piore. The internal labor market is an administrative unit, within which are performed the market functions of pricing, allocating, and often of training labor. It is governed by a set of institutional rules covering recruitment procedures, training, compensation, and the like over which the employer exercises discretionary control. These internal mechanisms constitute the alternative modes of adjustment to changes in both production techniques and labor market conditions. Implications of the internal market are discussed in relation to federal programs of job training, recruitment and screening, coordination of public and private training programs, and governmental manpower planning and labor force adjustment programs. A bibliography lists over 100 sources. (ET)

VT 008 667
Lair, Lila M.
If You Are a Woman: Prospects and Implications Concerning the World of Work.

Northeastern Oklahoma A and M Coll., Miami
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jul64 26p.

*WOMENS EDUCATION; *WORKING WOMEN; MANPOWER NEEDS; *EMPLOYMENT PATTERNS; *EMPLOYMENT OPPORTUNITIES; EMPLOYMENT TRENDS; SOCIOCULTURAL PATTERNS; PSYCHOLOGICAL NEEDS; EDUCATIONAL NEEDS; BIBLIOGRAPHIES

Studies of the Bureau of Labor Statistics show the following life patterns for women: Most unmarried girls will go to work at 17 or 18 unless they go to college. Most will marry within 3 or 4 years, but a majority of these will continue to work. With the first baby, most mothers will discontinue working until the youngest child is in school but will go back to work in their middle thirties and remain in the labor force for a substantial proportion of years to age 65. The introduction to this paper presents a brief glimpse of the psychological reasons why women go to work. Part I views the new life pattern of women and Part II discusses prospects for the future of women workers in the light of this new life pattern, concluding that women now have hundreds of occupations from which to select. Part III discusses educational implications and points out the necessity of establishing "tailor-made" educational and training facilities--as well as counseling services--for women. A bibliography includes 36 entries. (JK)

VT 009 546 ED 033 235
Gilpatrick, Eleanor G.; Corliss, Paul K.
The Occupational Structure of New York City Municipal Hospitals. Health Services Mobility Study. Text and Appendixes. Research Report Number 2.

City Univ. of New York, N.Y.
New York City Dept. of Hospitals, N.Y.
Office of Economic Opportunity, Washington, D.C.
DOCUMENT NOT AVAILABLE FROM EDRS.
Frederick Praeger, Inc., 111 Fourth Avenue, New York, New York 10003.
Pub Date - 69 208p.

*HEALTH OCCUPATIONS; *HEALTH OCCUPATIONS EDUCATION; *OCCUPATIONAL MOBILITY; ADMINISTRATIVE ORGANIZATION; VOCATIONAL DEVELOPMENT; *CAREER PLANNING; *HOSPITALS; RESEARCH PROJECTS; ARTICULATION (PROGRAM); SALARIES; EDUCATIONAL CHANGE; OCCUPATIONAL CLUSTERS; PERSONNEL POLICY
NEW YORK CITY

This 2-volume report is the first of a five-part study to determine ways and means of facilitating horizontal and vertical mobility within New York City's Health Services Administration and selected private hospitals. It seeks to answer two questions: (1) Does the structure of the municipal hospital system permit the efficient planning, development, and use of health manpower? and (2) What structures will permit the achievement of these objectives? Volume I examines how employment and mobility are affected by institutional and economic factors in the system. Concluding that institutional change is needed, long- and short-run solutions are suggested, focusing on career pathways for: (1) medical-type human interaction jobs, (2) non-medical human interaction jobs, (3) plant, equipment, and materials-related jobs, and (4) information-related jobs. The appendixes presented in Volume II are technical and statistical and reflect the data collection process, including: (1) the code books, supplements, and descriptions of the data, (2) a summary of the data base and a listing of all the coded data collected, and (3) a large fold-out chart showing all the job titles studied, grouped by major function and arranged according to wage level. (JK)

EVALUATION
AND MEASUREMENTS
SECTION

VT 002 265
Pickle, Hal B.
Personality and Success, An Evaluation of Personal Characteristics of Successful Small Business Managers.
Small Business Research Series No. 4.

Small Business Administration, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (SBA1.20:4, $.35).
Pub Date - 64 93p.

MANAGEMENT; *MANAGERIAL OCCUPATIONS; *BUSINESS; *MANAGEMENT EDUCATION; *INDIVIDUAL CHARACTERISTICS; FAILURE FACTORS; *SUCCESS FACTORS; PERSONALITY

This study seeks to detemine if successful small business managers do have certain characteristics such as thinking ability, human relations ability, communications ability, drive, and technical knowledge that are partially or wholly lacking in the unsuccessful managers. Data reported in this study were obtained from: (1) standardized and specially composed surveys administered to owners, employees, customers, and suppliers, (2) informal interviews of creditors and competitors, (3) special surveys and standardized psychological testing devices administered to small business managers, and (4) numerous periodicals and books. The survey included 97 small businesses in Texas. The sample was stratified by the percent of the total number of such establishments in the state and consisted of 54 retail establishments, 26 service establishments, eight wholesale establishments, six manufacturers, and three oil and gas extraction businesses. The five characteristics studied showed a significant rank correlation to success and produced a .674 multiple correlation to success. This indicates that 45.5 percent of the difference in success of the 97 small business managers surveyed results from differences in the extent to which they possess the five characteristics. The information in the document is particularly important to educators, psychologists, management analysts, and the various specialists who study and help small business. (MM)

VT 002 369
Occupations of Former Students of Vocational Agriculture in Arizona. Report 227.

Arizona Agricultural Experiment Station, Tucson
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jul65 22p.

*VOCATIONAL AGRICULTURE; *VOCATIONAL FOLLOWUP; *AGRICULTURAL OCCUPATIONS; *OCCUPATIONAL CHOICE; *PROGRAM EVALUATION; HIGH SCHOOL GRADUATES; EMPLOYMENT EXPERIENCE; PROGRAM IMPROVEMENT; PARTICIPANT SATISFACTION QUESTIONNAIRES
ARIZONA

This study sought to determine the present occupations of former students of vocational agriculture, the additional post-high school education they had received, and their opinions about the effectiveness of selected phases of the vocational agriculture program in Arizona. Completed questionnaires were obtained from 669 of 2,925 former students for which addresses could be obtained who studied vocational agriculture from September, 1953 to June, 1962. Some findings were: (1) 60 percent were employed in jobs that might be permanent, 26 percent were enrolled in institutions of higher learning, and 14 percent were in temporary positions, (2) Of those in permanent jobs, 30 percent were in production agriculture, 11 percent in off-farm agricultural occupations, and 59 percent in non-related occupations, (3) Of students in college, 22 percent are preparing for production agriculture, 29 percent for off-farm agricultural occupations, and 48 percent for non-related occupations, (4) Of students in the armed forces, 38 percent indicate they plan to enter production agriculture, (5) More than 95 percent of former students attended some type of post-high school educational institution. Areas listed as most useful to students of the vocational agriculture program are working with others, leadership training, farm mechanic skills, FFA activities, and recordkeeping and analysis. (DM)

VT 002 402
Moore, Bernice Milburn; Holtzman, Wayne H.
Tomorrow's Parents. A Study of Youth and Their Families.

Hogg Foundation for Mental Health, Austin, Texas
DOCUMENT NOT AVAILABLE FROM EDRS.
University of Texas Press, The University of Texas, Austin, Texas 78712 ($7.50).
Pub Date - 65 388p.

YOUTH; YOUTH PROBLEMS; *ATTITUDES; FAMILY ATTITUDES; PERSONAL INTERESTS; STUDENT INTERESTS; *FAMILY INFLUENCE; FAMILY BACKGROUND; FAMILY (SOCIOLOGICAL UNIT); *CULTURAL FACTORS; RELIGIOUS FACTORS; SOCIAL FACTORS; PSYCHOLOGICAL CHARACTERISTICS; SEX DIFFERENCES; SELF CONCEPT; *FAMILY LIFE EDUCATION; HOME ECONOMICS EDUCATION; *STUDENT EVALUATION
TEXAS COOPERATIVE YOUTH STUDY

This book reports the results of the Texas Cooperative Youth Study, a study designed to gather information pertaining to personal and social attitudes, problems, concerns, and interests of average high school youth. A stratified random sample of almost 12,900 youth from grades 9-12 in 182 Texas high schools provided the information. The survey, conducted in 1956, used questionnaires and attitude scales covering (1) a youth's feelings of self and social adequacy, (2) his attitudes toward parents and teachers; his reaction toward authority and toward freedom, (3) his degree of social isolation and group integration; his family background, (4) his interest in his own family and his fellows, and (5) his desire to learn to live well with them. Findings regarding these and other matters are presented and discussed. Survey conclusions included: (1) The family is easily the most important influence in the development of youth, (2) As subcultural group membership of families varies, so do the attitudes, problems, and concerns of youth from these families, (3) The differential aspects of culture available to each sex are discernible in the attitudes of youth, and (4) The need for education in the schools for family life stands equal to the demands for scientific advance, technological competence, and dependable citizenship. Numerous tables and graphs are included. (ET)

VT 002 824
Manpower Projections--An Appraisal and A Plan of Action. Report Of the Working Group on Manpower Projections to The President's Committee on Manpower.

Office of Manpower Policy, Evaluation, and Research (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Publications Office, Manpower Administration, U.S. Department of Labor, Washington, D.C. 20202.
Pub Date - Aug67 58p.

*EMPLOYMENT PROJECTIONS; LABOR ECONOMICS; NATIONAL SURVEYS; STATISTICAL SURVEYS; ECONOMIC RESEARCH; EMPLOYMENT PATTERNS; LABOR FORCE; MANPOWER DEVELOPMENT; METHODOLOGY; RESEARCH NEEDS; *EMPLOYMENT STATISTICS; FEDERAL GOVERNMENT; *FEDERAL PROGRAMS; PROGRAM IMPROVEMENT; *PROGRAM EVALUATION; *EVALUATION CRITERIA

The Working Group was asked to assess the current work of the Federal Government in developing Manpower projections and to make recommendations for improvement. Manpower projections are combinations of certain economic and demographic variables which have shown consistent past relationships and a further set of assumptions pertaining to future developments. A characteristic weakness of most of the projections reviewed was the failure to relate assumptions to the final projection in a way which would permit the users to introduce additional assumptions or modify those used. Technical problems relating to quality and quantity of personnel, standardization of measurement, and definitions of terms and in preparing projections were evident. Nine recommendations were directed toward the clarification of projection assumptions and the improvement of technical resources for making projections. Three detailed recommendations spell out a plan of action for implementing the other recommended changes within the appropriate federal agencies. (ET)

VT 007 490
Grover, Jerry
The Status of Industrial Arts in the Secondary Schools of Hawaii, 1967-68.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - Aug68 235p.

DOCTORAL THESES; INDIVIDUAL CHARACTERISTICS; *INDUSTRIAL ARTS; *EVALUATION CRITERIA; *PROGRAM EVALUATION; SECONDARY GRADES; STATUS; STUDENT ENROLLMENT; INDUSTRIAL ARTS TEACHERS; *PROGRAM DESCRIPTIONS; CURRICULUM EVALUATION; TEACHER CHARACTERISTICS; PROGRAM LENGTH; PROFESSIONAL ORGANIZATIONS
HAWAII

The purposes of this study were to develop evaluation criteria for industrial arts programs, to examine and collect pertinent evaluation data, and to ascertain the current status of the secondary industrial arts program in Hawaii. Data were collected by a review of literature, a survey of state personnel files, and a questionnaire survey of the state's industrial arts teachers. Twenty-two evaluation criteria were identified, some of which are: (1) At least 30 percent of the teachers should hold master's degrees, (2) All teachers should have at least 5 to 6 years of related industrial experience, (3) Junior high curriculum should include at least 6 weeks of instruction in power mechanics, woodworking, drafting, electricity, metals, graphic arts, and industrial crafts, and (4) Unit shops should be the major type of high school organization. Some findings relative to Hawaii were: (1) Teachers reported an average of 33 semester hours of technical courses, 16 hours of math and science, and 35 hours of professional education, (2) 82.9 percent had taken a major in industrial arts, (3) 23 percent held less than a professional teaching credential, (4) There were five drafting courses and one wood course offered in grade seven while in grade eight there were 108 general shop courses, 10 wood courses, 11 metal courses, and six metal courses, and (5) All except five of the 800 senior high courses were taught in unit shops. This Ed.D. dissertation was submitted to Brigham Young University. (EM)

VT 007 653
Criteria for the Use of a School District in Evaluating Its Business Education Program.

Pennsylvania State Dept. of Public Instruction, Harrisburg
MF AVAILABLE IN VT-ERIC SET.
State Department of Public Instruction, Box 911, Harrisburg, Pennsylvania 17126 ($.16).
Pub Date - Mar68 19p.

*BUSINESS EDUCATION; *PROGRAM EVALUATION; *EVALUATION TECHNIQUES; *PROGRAM IMPROVEMENT; *INSTRUMENTATION
PENNSYLVANIA

This document is a practical check list to be used by each school district to evaluate its business education department and to serve as a guide for evaluating its program against standards set forth. Part I, General Area, includes: (1) instructional procedures, (2) organization and staff, (3) guidance service, (4) community and school relations, (5) physical plant and equipment. Included in Part II, Subject Area, are: (1) bookkeeping, (2) business economics, (3) business English, (4) business law, (5) business mathematics, (6) data processing, (7) general business, (8) office practice, (9) shorthand, and (10) typewriting. The check list provides for a "yes" or "no" response at the left of each item and a bar graph is included at the end to be used in plotting the results of the evaluation. (MM)

VT 007 759 ED 029 954
Format and Criteria for Analysis of State Agencies for Vocational-Technical Education.

Oregon State System of Higher Education, Monmouth. Center for Research and Development in State Educ. Leadership
EDRS PRICE MF-$0.50 HC-$4.10
Pub Date - 15Sep68 80p.

*SELF EVALUATION; *STATE AGENCIES; *RATING SCALES; EVALUATION CRITERIA; *EVALUATION TECHNIQUES; *VOCATIONAL EDUCATION; TECHNICAL EDUCATION; PROGRAM EVALUATION; PROFILE EVALUATION; STAFF ROLES; ADVISORY COMMITTEES; GUIDELINES; STATE DEPARTMENTS OF EDUCATION; PERFORMANCE CRITERIA; CONSULTANTS

A recognition of the need for improving vocational and technical education through strengthening the state agency of vocational and technical education led to the development of this instrument for a systematic analysis of state agencies. The three phases of analysis include: (1) a self-analysis by the state agency, (2) a visiting team's reactions to the results of this self-analysis, and (3) a final report of the director of the state agency based on the foregoing which was prepared by a cooperating agency. Guidelines for using the self-rating scale and the visiting team's reactions are presented. Areas and criteria for analysis include: (1) foundation for the agency, its legal basis, its philosophy and objectives, and its organizational structure and relationships, (2) administrative functions of the agency, its financing, planning, directing, and researching, and (3) criteria for individual programs, their organization, financing and staffing. Each of the three phases of the analysis is detailed in sequence and the responsibilities of concerned members are delineated as the analysis proceeds and as the criteria for analysis are provided. (MU)

VT 007 896 ED 033 189
Thurston, John R., And Others
The Prediction of Success in Nursing Education. Phase III, 1967-1968.

Public Health Service (DHEW), Washington, D.C. Div. of Nursing
EDRS PRICE MF-$0.50 HC-$6.35 NU-00018-09
Pub Date - 68 125p.

*HEALTH OCCUPATIONS EDUCATION; *NURSING; *PREDICTIVE MEASUREMENT; *STUDENT TESTING; ATTITUDE TESTS; EMPATHY; TEACHER ATTITUDES; STUDENT ATTITUDES; *EVALUATION

Specific aims of Phase III, planned as a 4-year program, included: (1) evaluating the efficiency of three instruments--Nursing Sentence Completions (NSC), Nurse Attitudes Inventory (NAI), and Luther Hospital Sentence Completions (LHSC)--for the prediction of success early in nursing school, (2) developing attitudinal area scores for the three instruments, (3) developing the Empathy Inventory (EI), a research tool to explore the role of faculty and schools in precipitating underachievement, withdrawal, and failure, and (4) testing the generality of results and promoting the use of the tests. Because funding was available for only 1 year, the research objectives could be realized only in part. Some results were: (1) elicitation of responses related generally to success or failure, and (2) variation among schools in the magnitude of relationships. Exploration of the psycho-social climate of nursing schools and the use of NSC scores in concert with a qualitative analysis of individual responses as bases for remediation of students' problems were recommended. The NSC, NAI, and EI are discussed in detail. A special study involving Purdue's five associate degree programs is presented. Phase I and II are available as VT 009 168 (in this issue). (JK)

VT 008 018
Guide for Assessing Nursing Services in Long Term Care Facilities.

National League for Nursing, New York, N.Y.
MF AVAILABLE IN VT-ERIC SET.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($2.00).
Pub Date - 68 26p.

*NURSING HOMES; *NURSING; GUIDES; *EVALUATION CRITERIA; *PROGRAM EVALUATION

The guide is intended (1) as a text for self-evaluation and program improvement, (2) as an informative and interpretive device, and (3) as an aid to community groups, governmental agencies, and others in supporting safe and effective nursing care. Basic principles which are interpreted and followed by work sheets for use in the evaluation process are: (1) The nursing service has definitive statements of philosophy and objectives, (2) It has an established plan or organization consistent with the objectives of nursing care and the overall facility or organization, (3) It develops and implements written administrative policies, personnel policies, and the program for providing nursing care, (4) It develops a budget for its operation, (5) It estimates its needs and operates a system for control and use of equipment, facilities, and supplies, (6) It develops and maintains an effective system of clinical and administrative records and reports, (9) It provides a program of staff development for all personnel, and (10) It evaluates its progress toward attainment of established objectives. (JK)

VT 008 151 ED 028 295
Davison, Mildred
Career Graduates: A Profile of Job Experience and Further Study of Students with AAS Degrees.

City Univ. of New York, N.Y. Office of Community Coll. Affairs
EDRS PRICE MF-$0.25 HC-$2.15
Pub Date - Dec68 41p.

*GRADUATE SURVEYS; *TECHNICAL EDUCATION; *COMMUNITY COLLEGES; VOCATIONAL FOLLOWUP; *ACADEMIC ACHIEVEMENT; EMPLOYMENT EXPERIENCE; CAREER CHOICE; INDIVIDUAL CHARACTERISTICS; QUESTIONNAIRES; ASSOCIATE DEGREES; *PROFILE EVALUATION
CITY UNIVERSITY OF NEW YORK

To gather information that would aid in planning the development of career curriculums and to stimulate additional research, a study of occupational and vocational experiences of community college graduates was conducted. A completed questionnaire was obtained from 432 (47 percent) of the 925 students identified with this study. Some conclusions were: (1) 53.9 percent took additional education after graduating from a community college, (2) 44.4 percent were attending or had completed a 4-year college program, (3) 69 percent took jobs immediately upon graduation from community colleges, (4) 1.5 percent were unemployed, and (5) The great majority of respondents were employed in job areas directly related to their community college training. Fields of study of graduates were accounting, business, chemical technology, commercial art, construction technology, dental hygiene, dental laboratory technology, electrical technology, graphic arts, hotel technology, marketing, mechanical technology, medical laboratory technology, nursing, and secretarial studies. The appendixes contain a statement of methodology, the questionnaire used, and a copy of the follow-up letter. (DM)

VT 008 246 ED 030 715
Nelson, Orville.; Watson, Russell W.
The Evaluation System for the American Industry Secondary School Courses.

Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.95 OEC-5-85-060 08
BR-5-0058
Pub Date - Dec68 37p.; Presented at the AVERA Program at the AVA Convention (Dallas, Texas, December 11, 1968).

*PROGRAM EVALUATION; *CURRICULUM DEVELOPMENT; *INDUSTRIAL EDUCATION; *DEVELOPMENTAL PROGRAMS; SECONDARY GRADES; *EVALUATION TECHNIQUES; EDUCATIONAL NEEDS; STUDENT ATTITUDES; TEACHER ATTITUDES; ACADEMIC ACHIEVEMENT; SPEECHES
*PROJECT AMERICAN INDUSTRY; AMERICAN VOCATIONAL ASSOCIATION CONVENTION, DALLAS, DECEMBER 1968

The American Industry Project was initiated to develop and field test a secondary school curriculum which had as its central purpose the study of industry. An evaluation system was adopted to provide data for curriculum design decisions and to measure program effects. Three courses were developed to introduce and provide experience in utilizing industrial concepts, involve students in the flow of activities and events in industry, and provide for individual study and problem solving experience. The evaluation domains of ingredients, processes, and products were identified. Major findings related to student outcomes were: (1) 36-week courses produced more significant results than shorter courses, (2) Response patterns on attitude measures favored the American Industry students when significant differences were obtained, (3) Attitudes toward industry and occupational behaviors were influenced most strongly, (4) The study of American Industry increased student perspectives of jobs available and their interest in seeking employment in one of them, and (5) 75 percent of the students in both the control and American Industry group were aware of the changing nature of jobs in industry. (DM)

VT 008 318 ED 029 137
Wood, Eugene S.
Post-High School Agricultural Programs in Illinois. Publication No. 32.

Southern Illinois Univ., Carbondale. School of Agriculture
Illinois Research and Development Coordinating Unit, Springfield
EDRS PRICE MF-$0.25 HC-$1.95
Pub Date - Jan69 37p.

*POST SECONDARY EDUCATION; *AGRICULTURAL EDUCATION; *GRADUATE SURVEYS; *PROGRAM EVALUATION; *JUNIOR COLLEGES; AGRICULTURAL SUPPLIES; AGRICULTURAL ENGINEERING; ORNAMENTAL HORTICULTURE; AGRICULTURAL PRODUCTION; STUDENT ATTITUDES; QUESTIONNAIRES; STUDENT EVALUATION; STUDENT CHARACTERISTICS; COOPERATIVE EDUCATION; EMPLOYER ATTITUDES; DROPOUT CHARACTERISTICS
ILLINOIS

To evaluate the preparation of post-high school agricultural graduates in Illinois, a four-phase study was conducted to: (1) determine the background, interest and abilities of the students, (2) determine student competencies and attitudes at the end of the first year of on-the-job training, (3) determine opinions of graduates and employers 6 months after graduation, and (4) follow-up students who left the program before completion. Programs offered were in areas of agricultural supply, agricultural mechanics, ornamental horticulture, and agricultural production. Major conclusions were: (1) Students graduating in the lower half of their high school class could succeed, (2) Parents, vocational agriculture teachers and guidance counselors influenced students to enter, (3) Student employees were rated high in integrity, dependability, responsibility, cooperation, courtesy, personal appearance and emotional stability, and were rated average in initiative, judgment, and leadership, (4) Employers indicated 92 percent of the students would be acceptable as permanent employees, and (5) Students of very high or very low academic ability tended to drop out of the program. (DM)

VT 008 432 ED 029 969
Program Analysis Questionnaire for Vocational and Technical Education.

Rhode Island State Dept. of Education, Providence. Div. of Vocational-Technical Education
EDRS PRICE MF-$0.25 HC-$2.10
Pub Date - nd 40p.

*VOCATIONAL EDUCATION; *QUESTIONNAIRES; *PROGRAM EVALUATION; *RATING SCALES; EDUCATIONAL QUALITY; *EVALUATION CRITERIA; EVALUATION NEEDS; EVALUATION TECHNIQUES; GUIDELINES; EDUCATIONAL EQUIPMENT; EDUCATIONAL FACILITIES; PROGRAM ADMINISTRATION; OCCUPATIONAL GUIDANCE; INSTRUCTION; CURRICULUM
*PROGRAM ANALYSIS QUESTIONNAIRE FOR VOCATIONAL AND TECHNICAL EDUCATION

In order for vocational education programs to meet the needs of youth and industry in our constantly changing society, curriculum, personnel, instruction, and methods must be continuously evaluated. Evaluation must lead to continuous program improvement, and direct the objectives of future training programs. Evaluation criteria to measure various aspects of the vocational program, procedures and responsibilities are listed, presented in an organizational chart, and in tabular form. The document contains a Program Analysis Questionnaire and instructions for administering and tabulating the questionnaire. The four major sections of the questionnaire are Administration and Guidance, Curriculum, Physical Facilities, and Instruction. The three-dimensions of the evaluation program are: (1) self-analysis by the local school administration and vocational-technical school staff, (2) analysis by an evaluation team, and (3) analysis by representatives of industry. (FP)

VT 008 565 ED 029 979
Research Report for Georgia Vocational-Technical Schools.

Educational Testing Service, Princeton, N.J.
EDRS PRICE MF-$0.25 HC-$1.10
Pub Date - 69 20p.

GUIDANCE SERVICES; PLACEMENT; *TEST VALIDITY; *PREDICTIVE VALIDITY; *PREDICTIVE ABILITY (TESTING); *PREDICTIVE MEASUREMENT; GRADE PREDICTION; *VOCATIONAL SCHOOLS; OCCUPATIONAL CLUSTERS; GRADE POINT AVERAGE; *TESTING PROGRAMS; TEST SELECTION; CLUSTER GROUPING; PILOT PROJECTS; MODELS
*COMPARATIVE GUIDANCE AND PLACEMENT PROGRAM

This study reports the results of the cluster analysis and a study of the instruments used in the Comparative Guidance Placement Program as they function in each of 20 curricular group clusters. The battery of tests and questionnaires were administered to approximately 6,000 students enrolled in more than 50 different programs within 23 vocational-technical schools in Georgia. Normative data were obtained on approximately 2,004 students which constituted a sufficient size to permit analysis in terms of the validity of the battery against grade point average. The curricular cluster groups were selected on the basis of number of students, that is, groups with a minimum of 50 students. The overall correlation across all 20 curricular groups for the 44 predictors was .457, while the corresponding correlation for the five best predictors was .411. Examination of the data indicates that differential prediction is possible when using the comparative guidance and placement battery. (CH)

VT 008 573 ED 029 980
A Benefit Cost Analysis of the South Carolina MDTA Program. Preliminary Report.

South Carolina Univ., Columbia. Bureau of Business and Economic Research
South Carolina State Employment Security Commission, Columbia. Research Dept.
EDRS PRICE MF-$0.50 HC-$3.40
Bureau of Business and Economic Research, University of South Carolina, Columbia, South Carolina 29208 (no charge).
Pub Date - nd 66p.

*COST EFFECTIVENESS; *PROGRAM EVALUATION; PROGRAM COSTS; *SALARY DIFFERENTIALS; *ADULT VOCATIONAL EDUCATION; *FEDERAL PROGRAMS; EVALUATION CRITERIA; MODELS; EVALUATION METHODS; CONCEPTUAL SCHEMES; RESEARCH METHODOLOGY
*MANPOWER DEVELOPMENT AND TRAINING ACT PROGRAMS; MDTA PROGRAMS; SOUTH CAROLINA

Manpower Development and Training Act (MDTA) programs completed in 1965 were evaluated by benefit-cost ratio and internal rate of return. Initial annual earnings differential figures of $525,650 and $719,629 were projected into the future at various rates of promotion and various rates of discount on the benefit stream. Resulting lifetime benefits (for 30 working years) range from $2,556,110 at a zero promotion rate and 20 percent discount rate on the first figure to $15,162,977 at a 3.5 promotion rate and a 5 percent discount rate for the $719,629 figure. These projected benefits may be compared with the total program cost of $3,097,616. On the other hand, the internal rates of return on the training outlay of $3,097,616 range from 16.29 percent at zero rate of promotion for the $525,650 figure to 26.20 percent at the 3.5 rate of promotion for the $719,629 figure. An alternative for the cost outlay would have to exceed the rate of return if the training were to be considered economically unprofitable. It was concluded that, under the circumstances and assumptions of the study, training conducted under MDTA is worthwhile with benefits greatly exceeding costs and internal rates of return high. Assessments of individual programs are also provided. (JK)

VT 008 629 ED 029 992
Pucel, David J.; Nelson, Howard F.
General Aptitude Test Battery (B-1002 Form B) Training Success Norms.

Minnesota Univ., Minneapolis. Dept. of Industrial Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$9.15 OEG-0-9-685078-0770(085) 08
BR-5-0148

Project MINI-SCORE, Department of Industrial Education, University of Minnesota, 125 Peik Hall, Minneapolis, Minnesota 55455.
Pub Date - Feb69 181p.

OCCUPATIONAL GUIDANCE; *VOCATIONAL APTITUDE; *APTITUDE TESTS; *GROUP NORMS; *AREA VOCATIONAL SCHOOLS; TABLES (DATA); *TESTING PROGRAMS; TRADE AND INDUSTRIAL EDUCATION; BUSINESS EDUCATION; POST SECONDARY GRADES; PROFILE EVALUATION; TEST INTERPRETATION; TESTS; OCCUPATIONAL CLUSTERS
GENERAL APTITUDE TEST BATTERY B 1002 FORM B; GATB; *PROJECT MINI SCORE; PROJECT MINNESOTA STUDENT CHARACTERISTICS AND OCCUPATIONALLY RELATED EDUCATION

The Minnesota Student Characteristics and Occupationally Related Education (MINI-SCORE) Project was established to obtain comprehensive basic test and personal data on all applicants to the area vocational-technical schools of Minnesota, and to analyze the data to determine which and how much of each basic element could be useful to the counselor in the guidance process. This publication provides some initial distributions of scores on the General Aptitude Test Battery (GATB) B-1002 Form B on groups of sufficient size to make them meaningful. The norms presented in this report were developed with the data obtained from students who were accepted into and graduated from programs offered in cooperating post-high school area vocational-technical schools of Minnesota. Therefore the norms which have been developed are in reference to persons who are successful in training rather than to persons who are successful on the job. The norms are reported by three methods, percentiles, stanines, and centours. (CH)

VT 008 656
A Summary of Enrollment and Enrollment Termination in the Farm Management Education Program from December 1, 1955 to December 1, 1968.

Independent School District 742, St. Cloud, Minn. Agriculture Dept.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 9p.

*FARM MANAGEMENT; *ADULT FARMER EDUCATION; *AGRICULTURAL EDUCATION; FARM ACCOUNTS; *DROPOUT RESEARCH; PROGRAM DESCRIPTIONS; DROPOUT CHARACTERISTICS; DROPOUT IDENTIFICATION; STUDENT ENROLLMENT; *PROGRAM EVALUATION
ST. CLOUD; MINNESOTA

Statistical data reporting enrollment and termination figures for an adult farm management program from 1955 through 1968 are reported for 89 farms and 98 farm operators. Reasons farmers terminated the farm management education program were: (1) Five farmers transferred to other schools, (2) Four farmers retired, (3) Six farmers quit farming, (4) Three farmers died while on the program, (5) One could not attend because of family problems, (6) One disliked the Minnesota farm record book, (7) Two were drafted, and (8) One left farming because of a parent-son problem. Two of 98 operators or 2.04 percent of the enrollment could be described as dropouts over a 12-year period. A longer-tenure stable enrollment and sound educational program has resulted in expansion to: (1) farm management classes at three elementary centers outside of St. Cloud, (2) a cooperative farm management program with school districts whose boundaries are contiguous to St. Cloud, (3) a post-adult program, and (4) the establishment of enterprise classes for those who may not be taken care of or want a full time management program. (DM)

VT 008 692
Work-Experience Education in Santa Barbara County High School Districts. An Evaluative Study.

Santa Barbara County Association of Work-Experience Educators, Calif. Evaluative Study Committee
MF AVAILABLE IN VT-ERIC SET.
Pub Date - May69 100p.

*WORK EXPERIENCE PROGRAMS; *HIGH SCHOOLS; *PROGRAM EVALUATION
*SANTA BARBARA COUNTY; CALIFORNIA

The purposes of the study were: (1) to describe the nature of the program, (2) to evaluate the purposes, procedures, and outcomes, (3) to identify problems, issues, and strengths, (4) recommend basic principles which should govern procedures involved in the continuance and improvement of the program, and (5) to evaluate the implementation of the recommendations of a 1961 study of similar nature. In October 1968, 1,747 questionnaires were sent to principals, counselors/coordinators, teachers, counselors, students, employers, and parents. Usable responses totaled 1,000. Programs had become more extensive than they were in 1960 and were generally recognized as valuable. Important deficiencies were insufficient supervisory visits to job stations and inadequate relationships between job and school experiences. Recommendations include: (1) organizing of effective advisory committees, (2) employing sufficient staff to direct the program and coordinate jobs, (3) classifying students in accordance with program type (exploratory, vocational, general), (4) providing an effective orientation program for 10th grade students, (5) providing related instruction for all students in the programs, (6) solving transportation problems, (7) increasing emphasis on vocational guidance prior to job placement, and (8) implementing a continuous public relations program. (JK)

VT 008 712 ED 029 999
Byram, Harold M.
Evaluation Systems for Local Programs of Vocational-Technical Education. Final Report.

Michigan State Univ., East Lansing
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$6.05 OEG-3-7-070211-2670 08
BR-7-0211

Pub Date - Oct68 119p.

*VOCATIONAL EDUCATION; *PROGRAM EVALUATION; *EVALUATION METHODS; *EVALUATION NEEDS; *DEMONSTRATION PROGRAMS; RESOURCE STAFF ROLE; ADVISORY COMMITTEES; MODELS; QUESTIONNAIRES; SYSTEMS APPROACH; SELF EVALUATION; CONSULTANTS; WORKSHOPS; VOCATIONAL FOLLOWUP; CURRICULUM EVALUATION
MICHIGAN

The purpose of this study was to determine if Michigan schools can conduct an evaluation of their own programs of vocational education, with emphasis on outcomes and attainment of local objectives, maximizing the use of local personnel and resources, and utilizing consultant leadership and related professional assistance. The study was conducted with the cooperation of 10 school systems. Four of these were classified as small size, three as medium, and three as large. The emphasis was on local staff and citizen involvement, curriculum analysis, assessment of outcomes through follow-up, and special activities and projects of interest to each school. The study involved 317 staff members and 45 advisory committees for local problems of vocational education, consisting of a total of 303 citizens. The following elements were established as relevant in a local program self-evaluation: (1) administrative endorsement and support, (2) a local leadership team, (3) a program of local leadership preservice and inservice training, (4) an evaluation program plan, and (5) a staff committee for evaluation. A related document is available as ED 014 548 or VT 001 419 (ARM Spring 68). (CH)

VT 009 168 ED 033 206
Thurston, John R., And Others
The Prediction of Success in Nursing Education: Phase I and Phase II, 1959-1967.

Public Health Service (DHEW), Washington, D.C. Div. of Nursing
EDRS PRICE MF-$1.25 HC-$13.65
Pub Date - 67 271p.

*PERSONALITY TESTS; *HEALTH OCCUPATIONS EDUCATION; *NURSING; GUIDANCE; *SUCCESS FACTORS; STUDENT ATTITUDES; TEACHER ATTITUDES; *PREDICTIVE VALIDITY; WITHDRAWAL; ACADEMIC FAILURE; TABLES (DATA)

This study concerned the development and testing of an instrument designed to provide nursing schools with meaningful information about the personalities and potential problems of their students. In Phase I, the instrument--the Luther Hospital Sentence Completions (LHSC)-- was constructed along with a Nursing Education Scale (NES) which provided for scoring of LHSC responses. Cross validation of the LHSC in two schools of nursing revealed significant differences between achievers and failures but not between achievers and underachievers. Phase II was largely a replication of Phase I but three schools of nursing were used. In two schools, significant relationships were noted between achievement and NES-LHSC Total as well as five attitudinal areas. In a third school, achievement was related significantly to NES-LHSC Total and one attitudinal area. In both phases, other instruments (the Minnesota Multiphasic Inventory, the ROTTER Incomplete Sentence Blank, and the National League for Nursing Pre-Nursing and Guidance Test) were studied. The report also includes information about two other instruments developed in the project: the Nurse Attitudes Inventory and the faculty Empathy Inventory. Phase III is available as VT 007 896 (in this issue). (JK)

VT 009 237 ED 032 422
Policies and Procedures of Accreditation for Programs in Practical Nursing.

National League for Nursing, New York, N.Y. Dept. of Practical Nursing Programs
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($1.00).
Pub Date - 68 22p.

*ACCREDITATION (INSTITUTION); *PRACTICAL NURSING; *HEALTH OCCUPATIONS EDUCATION; POLICY; *EVALUATION TECHNIQUES
*NATIONAL LEAGUE FOR NURSING; NLN

Three major sections concern: (1) The Accrediting Program of the National League for Nursing (NLN) for Practical Nursing Programs, with general information about accrediting services of the NLN, historical data about accrediting in nursing education, and statements of the principles and purposes of NLN accreditation, (2) The Development of Accrediting Policies and Procedures and the Criteria, discussing the roles in connection with accreditation of practical nursing program faculties, the Council of Practical Nursing Programs, the Board of Review for Practical Nursing Programs, and the Advisory Committee on Accrediting Procedures, and (3) The Accreditation Process. Accreditation is explained in terms of (1) eligibility, (2) initiation of the process, (3) the self-evaluation study, (4) review of the application for evaluation, (5) the accreditation visit (including the visiting team, joint visits with the Department of Associate Degree Programs, purpose of the visit, arrangements for the visit, conduct of the visit, and the visitors' report), (6) evaluation by the Board of Review for Practical Nursing Programs, (7) reevaluation, (8) appeal, (9) listing of accredited programs, and (10) confidentiality of accreditation information. (JK)

VT 009 487 ED 033 228
Hamlin, H.M.
Citizen Evaluation of Public Occupational Education. Center Monograph No. 1.

North Carolina Univ., Raleigh. N.C. State Univ. Center for Occupational Education
Office of Education (DHEW), Washington, D.C. Div. of Adult and Vocational Research
EDRS PRICE MF-$0.75 HC-$9.55 OEC-5-85-107 08
BR-5-1005
Pub Date - 67 189p.

*CITIZEN PARTICIPATION; *CITIZEN ROLE; *PROGRAM EVALUATION; *VOCATIONAL EDUCATION; *GUIDELINES; EVALUATION CRITERIA; RELEVANCE (EDUCATION); SCHOOL COMMUNITY RELATIONSHIP; PROGRAM PLANNING; CITIZENSHIP RESPONSIBILITY; EDUCATIONAL IMPROVEMENT; PROGRAM EFFECTIVENESS; BIBLIOGRAPHIES

Control of public education in the United States is vested in the citizenry. Evaluation is a necessary function of control. The gap between occupational and general education must be narrowed by recognition that both may contribute to occupational choice, competence, and advancement, and also to the objectives of general education. As unsystematic as citizen evaluations have been, their effects upon occupational education have been great. Therefore, there is a need for a more equitable representation of the total public in the evaluation of occupational education and its consequent remodeling. The major purpose of citizen evaluations should be to influence the development of adequate public policies which would make possible more realistic and effective occupational education for all who should receive it in public institutions. Typically, evaluations have been of programs, teachers, students, and former students and facilities. There has been little attention to public policies and attitudes responsible for the conditions discovered, or to the processes by which public policies of occupational education are derived. Proposed procedures for a citizen evaluation are outlined. A 70-page bibliography and reference list is appended. (DM)

VT 009 511 ED 032 436
Starr, Harold
A System for State Evaluation of Vocational Education. Interim Report. Research Series No. 45.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$2.25 OEG-3-7-000158-2037 08
BR-7-0158
The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 ($2.00).
Pub Date - Aug69 43p.

*VOCATIONAL EDUCATION; *PROGRAM EVALUATION; *STATE PROGRAMS; *PROGRAM IMPROVEMENT; EDUCATIONAL PLANNING; SYSTEMS APPROACH; EDUCATIONAL OBJECTIVES; DATA SHEETS; CHARTS; MODELS; CONCEPTUAL SCHEMES; *SELF EVALUATION

Preliminary information about a model system by which state vocational education agencies may conduct periodic program evaluations is presented. Another facet of the system is the facilitation of programmatic decision making through the incorporation of information about national and state interests, student benefits, and manpower requirements. The discussion includes a general system for self-initiated and continuous program evaluation, vocational education objectives, program goals and data needed for measuring goal achievement, evaluation procedures and materials, and field tests of the system as conducted in the vocational educational agencies of three states (Colorado, Kentucky and New Jersey) which also cooperated in developing the model system. The revised system is undergoing further field tests. December 1969, is the projected project completion date. The model system is illustrated, and examples of information forms are presented. (CH)

VT 009 562 ED 033 236
Cox, John A.
Utah Project "Follow-Up." Interim Report.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC NOT AVAILABLE FROM EDRS. OEG-4-7-063046-1612 08
BR-6-3046
Pub Date - Jun69 33p.

*VOCATIONAL EDUCATION; *FOLLOWUP STUDIES; *RECORDS (FORMS); *STATE SURVEYS; *PROGRAM EVALUATION; HIGH SCHOOL GRADUATES; POST SECONDARY EDUCATION; COST EFFECTIVENESS; EXPENDITURES; SYSTEMS APPROACH; RESEARCH COORDINATING UNITS; QUESTIONNAIRES
UTAH

Procedures and machinery were developed for a statewide, 5-year follow-up of high school and post-secondary vocational students for quality and cost effectiveness analysis purposes. The system calls for specific information about the student to be gathered while he is in school by means of a Student Exit Form. Information is accumulated on magnetic computer tape and after the student leaves school (graduates or drops out), he is sent a mail-out questionnaire designed to gather information about what the student does after leaving school. Students receive a questionnaire once each year for 5 years after leaving school. Exit forms were utilized for the first time during the 1967-68 school year and mail-out questionnaires were sent to 1968 graduates and to dropouts in September 1968. Although problems arose in procedures, data accumulation, and reports, the basic system has been developed, is considered functional, and is recommended for continuation. (Not available in hard copy due to marginal legibility of original document.) (CH)

VT 009 564 ED 033 238
National Advisory Council on Vocational Education. First Annual Report.

Office of Education (DHEW), Washington, D.C. National Advisory Council on Vocational Education
EDRS PRICE MF-$0.25 HC-$0.45
Pub Date - 15Jul69 7p.

*ADVISORY COMMITTEES; *VOCATIONAL EDUCATION; *FEDERAL LEGISLATION; *PROGRAM EVALUATION; PROGRAM IMPROVEMENT; *EDUCATIONAL NEEDS; FINANCIAL NEEDS; NEGATIVE ATTITUDES
*NATIONAL ADVISORY COUNCIL ON VOCATIONAL EDUCATION; VOCATIONAL EDUCATION AMENDMENTS OF 1968; PUBLIC LAW 90 576

Racial unrest, violence, and unemployment of youth have their roots in an inadequate education. Each year 750,000 people enter the job market without the necessary skills and attitudes for employment. Schools can prepare young people to realize their potential; the failure rate is so high because of improper attitudes, inadequate programs, and insufficient money. There is a national attitude that says vocational education is designed for somebody else's children. The federal government invests $14 in universities for every $1 it invests in vocational education programs. Students should have multiple choices within high schools; separate vocational schools or distinct vocational tracts should be exceptions in a technical and changing society. A full range of post-high school programs and prevocational education is needed. Educating youth for employment costs less than educating them for the college they will never reach and providing remedial training thereafter. The added cost of vocational education is a reason why most school districts have failed to take responsibility for providing it adequately. It is recommended that the federal government exercise leadership by allocating funds to correct the basic problems identified. (DM)

VT 010 448
Norton, Robert E., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 8-9, 1969).

American Vocational Association, Washington, D.C. Research and Evaluation Dept.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 38p.

*VOCATIONAL EDUCATION; *PROGRAM EVALUATION; *COST EFFECTIVENESS; *ECONOMIC FACTORS; MODELS; RESEARCH REVIEWS (PUBLICATIONS)
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

Speeches presented in the research and evaluation department of the 63rd Annual Vocational Convention include "Improving Vocational Education Evaluation," by Robert E. Norton. Norton addresses the role of evaluation in the decision making process, scope and objectives of vocational education and their relationship to evaluation, basic data requirements for effective evaluation, appropriate techniques for obtaining the data needed, procedures for organizing, interpreting, and disseminating evaluative information, and administrative procedures effective in implementing a viable evaluation program. "Summary of Research on the Economics of Vocational-Technical Education," by J. Robert Warmbrod, addresses the economics of education, benefits and costs of vocational education, measuring the benefits of vocational education, determining the costs of vocational education, reports of research, and some conclusions. (CH)

FACILITIES AND EQUIPMENT SECTION

VT 001 476
Rhodes, Eric, And Others
Recommended Facilities and Space Requirements. An Addendum to the Report "Recommended Occupational Curriculum Offerings."

Northern Virginia Community Coll., Bailey's Crossroads, Va.
Virginia Dept. of Community Colleges, Richmond
Educational Service Bureau, Inc., Arlington, Va.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 65 36p.

*EDUCATIONAL FACILITIES; *COMMUNITY COLLEGES; *TECHNICAL EDUCATION; ENROLLMENT; *FACILITY UTILIZATION RESEARCH; *SPACE UTILIZATION; FACILITY REQUIREMENTS
NORTHERN VIRGINIA COMMUNITY COLLEGE

This addendum to the report, "Recommended Occupational Curriculum Offerings" is to help plan for facilities and classrooms at Northern Virginia Community College. Data are given in tables for: (1) Projected Number of High School Seniors Desiring Post-High School Education in Certain Technical Fields, (2) Interest of Parents of High School Seniors in Part-Time Education in Technical College Fields, 1965, (3) Recommended Enrollment for Initial Offerings, (4) Classrooms and Laboratory Usage, (5) Hourly Distribution of Classrooms and Laboratories Usages, (6) Percentages of Classroom Usage, (7) Hourly Distribution of Classrooms and Laboratories for Scheduling Purposes, and (8) Percentage of Usage of Classrooms and Laboratories for Scheduling Purposes. Suggested floor space and necessary utilities are given for: (1) Air Comfort, (2) Dental Hygiene, (3) Dental Technology, (4) Horticulture, (5) Medical Technology, and (6) Radio and Television Studios. (EM)

VT 002 360
Taylor, James L.; Christian, Johnie
Planning Functional Facilities for Home Economics Education. Special Publication No. 12.

Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
OE-83015
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (FS5.283:83015, $.45).
Pub Date - 65 54p.

SCHOOL PLANNING; *HOME ECONOMICS EDUCATION; FACILITY GUIDELINES; FACILITY REQUIREMENTS; *EDUCATIONAL EQUIPMENT; *EDUCATIONAL FACILITIES; SPACE UTILIZATION; CLASSROOM ARRANGEMENT; CLASSROOM DESIGN; CLASSROOM ENVIRONMENT

The purpose of this guide is to provide assistance in planning space and facilities for the expanding program in home economics. Background materials were obtained from school visits, state and local supervisors of home economics, teacher educators, and consultants of school plant services. It does not set standards but illustrates an approach to good planning and hopes to stimulate creativity. Educational trends are discussed with their corresponding implications for instructional space and facility development. Suggestions are made to planners on the purpose of the home economics department and various users, e.g., school age pupils, adults, or handicapped. Facilities for the curriculum areas of (1) family relationships, (2) child development, (3) foods and nutrition, (4) clothing and textiles, (5) management and family economics, (6) housing, home furnishings, and equipment, and (7) family health are suggested in several sketches. A section on specialized furniture and equipment considers cost and usage factors. Relationships of spatial factors, aesthetic appeal, sound and temperature control, safety measures, and visual environment are described. Floor plans, sketches and references are included in the document. (FP)

VT 002 828
West Virginia Vocational School Construction Program.

West Virginia State Dept. of Education, Charleston, Bureau of Vocational, Technical, and Adult Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Oct67 30p.

*BUILDING IMPROVEMENT; *BUILDING DESIGN; *VOCATIONAL EDUCATION; *SCHOOL BUILDINGS
WEST VIRGINIA

Floorplans, educational offerings, enrollment capacity, building dates, and contract price are given for 13 vocational education facilities in West Virginia which will serve 13 counties. (EM)

VT 004 085
A List of Nursing Schools Awarded Construction Grants Under the Nurse Training Act of 1964. December 1965 to June 1967.

Public Health Service (DHEW), Washington, D.C. Div. of Nursing
MF AVAILABLE IN VT-ERIC SET.
Supplement to PHS Pub-1154-5.
Pub Date - Sep67 16p.

SCHOOL IMPROVEMENT; *HEALTH OCCUPATIONS EDUCATION; PROFESSIONAL EDUCATION; *NURSING; *GRANTS; *SCHOOL CONSTRUCTION; *FEDERAL AID; FEDERAL PROGRAMS
*NURSE TRAINING ACT OF 1964; HEALTH PROFESSIONS EDUCATION ASSISTANCE ACT OF 1963

The Nurse Training Act of 1964 authorized funds to construct or renovate and equip teaching facilities for new or existing masters, baccalaureate, diploma, and associate degree nursing programs, while the Health Professions Education Assistance Act of 1963 made construction grants available to baccalaureate and higher degree nursing programs. This resume contains a listing of schools awarded grants and indicates for each the amount of the grant, the type of construction, and the type of nursing program. The listing will be revised and issued annually. (JK)

VT 008 220 ED 029 128
Facilities for Agricultural Education Curriculums.

South Carolina State Dept. of Education, Columbia. Agricultural Education Section
Clemson Univ., S.C. Vocational Education Media Center
EDRS PRICE MF-$0.75 HC-$6.60
Pub Date - 68 130p.

*VOCATIONAL AGRICULTURE; *EDUCATIONAL FACILITIES; *FACILITY GUIDELINES; *SECONDARY GRADES; AGRICULTURAL PRODUCTION; AGRICULTURAL ENGINEERING; ORNAMENTAL HORTICULTURE; AGRICULTURAL SUPPLIES; ANIMAL SCIENCE; AREA VOCATIONAL SCHOOLS; FORESTRY; *EDUCATIONAL EQUIPMENT; CLASSROOM ARRANGEMENT; CLASSROOM DESIGN; SPACE UTILIZATION; ILLUSTRATIONS
SOUTH CAROLINA

Expansion of the vocational agriculture program to include education for off-farm agricultural occupations has placed increasing demands on existing facilities for agricultural programs. The facility requirements of the new curriculums are often not met by the existing facilities. Vocational agriculture teachers, state supervisory staff members, and teacher educators assisted in vocational education media center in development of this publication for use by school administrators, architects, state department personnel, teachers, and others interested in setting up new programs. The document includes sections on: General Specifications, Production Agriculture, Agricultural Mechanics, Ornamental Horticulture and Floriculture, Agricultural Sales and Services and Agricultural Chemicals, Livestock Management, and Forestry and Pulpwood Production. Where more than one agricultural curriculum will be offered, modifications are necessary to meet specifications of all included curriculums. The document is illustrated and contains tables of equipment requirements. Each curriculum section includes space requirements, classroom needs, equipment and supply needs, teacher office space, storage area needs, electrical requirements, library, washroom, laboratory needs, farm area needs, and suggested plans. (DM)

VT 008 447 ED 029 971
Peterman, John L.
Competencies of Vocational Plant Facilities Specialists.

EDRS PRICE MF-$0.75 HC-$8.55
Pub Date - Sep68 169p.

MASTERS THESES; *PERSONNEL SELECTION; *SCHOOL PLANNING; *MEASUREMENT INSTRUMENTS; *EDUCATIONAL FACILITIES; JOB SKILLS; *VOCATIONAL EDUCATION; SPECIALISTS; BIBLIOGRAPHIES; RATING SCALES; TEACHER ATTITUDES; PERFORMANCE CRITERIA

In order to develop instruments for use in the selection of vocational plant facilities specialists and their assistants, criteria were established from a literature review in the form of instrument items. These items arranged in two forms were rated by a 10-member jury on their degree of value. A second version was tested on teachers and local administrators in 33 counties. While differences of opinion existed among these three groups, a high degree of association existed for 43 items and a low degree of association existed for six items. It was concluded that the major selection criteria had been identified in the instrument. Versions of the instrument and an extensive bibliography are appended. This M.S. thesis was submitted to Pennsylvania State University. (EM)

VT 008 589 ED 029 984
Nerden, Joseph T.
Vocational-Technical Facilities for Secondary Schools: A Planning Guide.

Council of Educational Facility Planners, Columbus, Ohio
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$5.20 OEC-1-7-070982-5101 24
BR-7-0982
Pub Date - Oct68 102p.

*EDUCATIONAL FACILITIES; *VOCATIONAL EDUCATION; *SCHOOL PLANNING; *FACILITY GUIDELINES; EDUCATIONAL PLANNING; FACILITY REQUIREMENTS; DESIGN NEEDS; QUESTIONNAIRES; SECONDARY SCHOOLS; SCHOOL SHOPS

As a result of the tremendous increase in the need for new, well-planned college facilities, the Council of Educational Facility Planners proposes guidelines for the conception, planning and implementation of such facilities. Major content areas are: (1) Concepts of Vocational-Technical Education, (2) Groups Served by Vocational-Technical Education, (3) Patterns of Vocational-Technical Education, (4) Facility Planning Considerations, (5) Factors Affecting Design and Usefulness, (6) Facility Support Factors, and (7) Shops and Laboratories. Patterns of vocational-technical education at the comprehensive, area vocational schools, combination secondary-post secondary institutions, and the regional service center are described. Facility planning considerations include survey, site selection, community attitudes, types and levels of curriculum, and occupational analysis. Other chapters cover equipment selection, adaptability, supporting educational facilities, and the location, types, and sizes of shops and laboratories. (FP)

VT 008 799 ED 033 198
Summary of Vocational Agriculture Facility Standards in 27 States.

Clemson Univ., S.C. Dept. of Agricultural Education
South Carolina State Dept. of Education, Columbia. Vocational Agriculture Section
EDRS PRICE MF-$0.25 HC-$0.80
Pub Date - 66 14p.

*VOCATIONAL AGRICULTURE; *EDUCATIONAL FACILITIES; *STATISTICAL DATA; *NATIONAL SURVEYS; SCHOOL SHOPS; FACILITY REQUIREMENTS; EDUCATIONAL EQUIPMENT; CLASSROOM LIBRARIES; CLASSROOMS; LABORATORIES; *STATE STANDARDS; STATE SUPERVISORS; TEACHER EDUCATORS

To determine the standards utilized in most states for vocational agricultural facilities, state supervisors of vocational agriculture and head teacher trainers of agricultural education were surveyed in the 48 continental states. The 27 state standards received in response provided the basis for development of 41 summary tables of recommendations for vocational agriculture facilities. (DM)

VT 008 871
Ohio Vocational Home Economics: Suggested Space and Equipment Cost for Job Training Programs.

Ohio State Dept. of Education, Columbus. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Ohio Trade and Industrial Education Service, Instructional Materials Laboratory, The Ohio State University, 1885 Neil Avenue, Columbus, Ohio 43210 ($1.50).
Pub Date - Jun67 47p.

*FACILITY REQUIREMENTS; *OCCUPATIONAL HOME ECONOMICS; *EDUCATIONAL EQUIPMENT; SUPPLIES; *PROGRAM COSTS; SPACE UTILIZATION

The bulletin was prepared to assist school administrators, architects, and home economics teachers to develop programs in high schools and joint vocational schools. Suggestions are appropriate for high school, post-high school, and adult programs. Separate sections concern (1) child care aid, training, (2) homemaker's assistant (home and community service aids, hotel-motel aids, and health service personnel) training, (3) food service training, and (4) clothing and home furnishings service training. Each section covers division of space, construction specifications, and equipment and supplies. Sample floor plans are included. A chart summarizes space and equipment cost for the various kinds of programs. (FP)

VT 008 912
Guide for Planning the Home Economics Department.

Ohio State Dept. of Education, Columbus. Div. of Vocational Home Economics
MF AVAILABLE IN VT-ERIC SET.
Ohio Trade and Industrial Education Service, Instructional Materials Laboratory, The Ohio State University, 1885 Neil Avenue, Columbus, Ohio 43210 ($1.50).
Pub Date - 64 62p.

*EDUCATIONAL FACILITIES; *HOME ECONOMICS EDUCATION; *SPACE UTILIZATION; *FACILITY GUIDELINES; EDUCATIONAL EQUIPMENT; CLASSROOMS

Information is provided for teachers, administrators, and architects in planning space and facilities for home economics departments. Underlying principles of space and facility planning are the goals, values, and standards of home economics, the groups to be served, social change, and trends in education. Educational trends with implications for space and equipment are: (1) more student experimentation, (2) decision making, (3) encouragement of creativity, (4) independent study, (5) flexible class periods and sizes, (6) provisions for adult education in out-of-school groups, (7) community involvement, (8) team teaching, and (9) new designs in school buildings. Planning procedures, location and arrangement of space, activity or work centers, storage, equipment and furniture are described and illustrated with photographs, plans and line drawings. Resource materials are included in the document. (FP)

VT 009 005 ED 030 771
Meckley, Richard F., And Others
A General Guide for Planning Facilities for Occupational Preparation Programs. Final Report. Research Series No. 38.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.50 HC-$4.45 OEG-3-7-000158-2037 08
BR-7-0158
Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 ($2.00).
Pub Date - Jun69 87p.

*SCHOOL PLANNING; *EDUCATIONAL SPECIFICATIONS; FACILITY REQUIREMENTS; *EDUCATIONAL FACILITIES; *VOCATIONAL EDUCATION; *FACILITY GUIDELINES; CHECK LISTS; BIBLIOGRAPHIES; TECHNICAL EDUCATION

Pivotal questions about the educational program to be offered are posed, and the answers bear directly on the preparation of educational specifications. Recent instructional trends are incorporated, and provision is made for the development of a particular school's philosophy of education regarding program objectives, teaching activities, and learning activities, as a preliminary step in the development of facility requirements. Two important factors which influence facility requirements are (1) modes of learning which include action, reaction and interaction learning, and (2) specialized versus multi-use space for which lecture/demonstration areas, seminar areas and laboratories must be considered. A major portion of the document is in a check list format which allows for consideration of alternatives in developing facility requirements. A bibliography of 89 reference sources offers a more detailed treatment into the various phases of facility planning. A related document is ED 026 537. (CH)

VT 009 171 ED 033 207
McQueen, Robert
Report of National Vocational-Technical Facility Planning Conference (Las Vegas, Nevada, May, 1967).

Nevada Univ., Reno. School Planning Lab
Office of Education (DHEW), Washington, D.C. Div. of Vocational and Technical Education
EDRS PRICE MF-$0.50 HC-$5.70
Pub Date - Jun67 112p.

*CONFERENCE REPORTS; *VOCATIONAL EDUCATION; TECHNICAL EDUCATION; *PHYSICAL FACILITIES; SCHOOL CONSTRUCTION; SYSTEMS APPROACH; ARCHITECTURAL ELEMENTS; AUDIOVISUAL AIDS; *EDUCATIONAL PLANNING
NATIONAL VOCATIONAL FACILITY PLANNING CONFERENCE; NATIONAL VOCATIONAL-TECHNICAL FACILITY PLANNING CONFERENCE; LAS VEGAS, NEVADA, MAY 1967

Presentations at the conference, which was attended by 137 persons included: (1) "A Road to Quality Vocational Facilities" by S.J. Knezevich, (2) "A Systems Approach to School Construction" by John Boice, (3) "The Birth of a New Vocational-Technical Center" by Clayton Farnsworth, (4) "Architectural Features of the Southern Nevada Vocational-Technical Center" by William Blurock, (5) "The Integrated Ceiling" by Harris Sharp, (6) "Teaching and Educational Models" by Al Russell, and (7) "Thermal Environments" by Norman Rutgers. Thirty-one questions asked by conference participants are presented with the answers provided by a panel. (JK)

HISTORICAL STUDIES SECTION

VT 002 104
Emerson, Lynn A.
Occupational and Vocational-Technical Education in the United States. (Rhode Island Vocational-Technical Education Development Project).

Columbia Univ., New York, N.Y. Inst. of Field Studies
MF AVAILABLE IN VT-ERIC SET.
Pub Date - May65 29p.

*VOCATIONAL EDUCATION; TECHNICAL EDUCATION; *EDUCATIONAL HISTORY; FEDERAL LEGISLATION; *STATE PROGRAMS; AREA VOCATIONAL SCHOOLS; *EDUCATIONAL TRENDS

Intended to show how vocational-technical education has responded to changing social and economic conditions, the report is divided into three major sections. The first traces the development of vocational-technical education from the Smith-Hughes Act through recent legislation including the Vocational Act of 1963, the Manpower Development and Training Act, the Area Redevelopment Act, the Economic Opportunity Act, and the Appalachia Act. The second section describes the different patterns of vocational-technical education in 13 states. The final section reports: (1) developments such as increased enrollments in technical, preparatory trade and industrial, and practical nurse programs, (2) activities in business, distributive and agri-business education due to provisions of the 1963 Act, (3) program changes in home economics due to emphasis upon wage-earning occupations, and (4) the new structural pattern of the Office of Education providing for three major units dealing with professional services, field administration, and research development. (JK)

VT 002 264
Perkins, Frances; St. Sure, J. Paul
Two Views of American Labor.

California Univ., Los Angeles. Inst. of Industrial Relations
MF AVAILABLE IN VT-ERIC SET.
Institute of Industrial Relations, University of California, Los Angeles, California 90024 ($1.00).
Pub Date - 65 43p.

*FEDERAL PROGRAMS; *HISTORICAL REVIEWS; *LABOR CONDITIONS; LABOR LEGISLATION; LABOR UNIONS; FEDERAL LEGISLATION; *COLLECTIVE BARGAINING; *LABOR PROBLEMS; GOVERNMENT ROLE; INDUSTRIAL RELATIONS; LABOR ECONOMICS

Frances Perkins reviews the background of The New Deal in her lecture entitled "Labor Under The New Deal and New Frontier," and analyzes in that historical light the Kennedy Administration's approach to such labor problems as unemployment and discrimination. She speaks as one who had an important hand in shaping the basic labor legislation of the thirties, while J. Paul St. Sure speaks as a management representative in labor negotiations in his lecture "Reflections on Thirty Years of Collective Bargaining." He outlines six distinctive periods involving major changes in management-labor relationships: (1) The Great Depression, (2) The period following passage of the Wagner Act, (3) World War II, (4) The Taft-Hartley Act period, (5) The time following the McClellan Committee hearings and passage of the Lardrum-Griffin Act, and (6) The current period of experimentation and increasing uncertainties. (CD)

VT 006 758
Shimberg, Benjamin
Vocational Education in Perspective; A Background Paper.

Educational Testing Service, Princeton, N.J.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - May66 49p.

*VOCATIONAL EDUCATION; *EDUCATIONAL HISTORY; *STATUS; *HISTORICAL REVIEWS; *PROGRAM DEVELOPMENT; EDUCATIONAL LEGISLATION; EDUCATIONAL CHANGE; EDUCATIONAL ATTITUDES; EDUCATIONAL QUALITY; EDUCATIONAL SUPPLY

Vocational education has become a controversial issue in American education. After being all but ignored for half a century, there has been a sudden surge of interest. Within this context, the author attempts to sketch how vocational education is presently organized, how it got that way, what it offers, and how effectively it is doing its job. He also summarizes some of the main lines of criticism, the impact of recent legislation, and suggestions for change that have been proposed. Specific sections of the paper include the Smith-Hughes Legacy, Where People Get Vocational Training, Criticism of Vocational Education, and The New Look in Vocational Education. (CH)

VT 010 450
Dowding, A.E.
Panorama of World Wide Training by the ILO.

American Vocational Association, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 8Dec69 5p.; A speech presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, Dec. 8, 1969).

*DEVELOPING NATIONS; *HISTORICAL REVIEWS; *TECHNICAL ASSISTANCE; FELLOWSHIPS; *SPEECHES; ECONOMIC DEVELOPMENT; EQUIPMENT; TRAINING
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63rd, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969; INTERNATIONAL LABOR ORGANIZATION; ILO)

The International Labor Organization (ILO) was established in 1919 by the League of Nations. Even after the League ceased to exist, the ILO continued because of its tripartite structure which included government, trade union, and employer representation. The services provided by the ILO were primarily in the form of technical assistance which included experts, fellowships, and equipment. Two types of programs were developed. One was traditional and resembled an American vocational education system, and the other program was innovative in nature and provided immediate employment by training people in employable skills. The program has grown rapidly. From 1950-68, a total of 4,092 experts were sent to various countries and 5,383 individuals from developing countries received training abroad. Over 8 million dollars was spent on equipment. In 1970, the need for the services of about 600 technical experts is anticipated and by 1975, 1,300 will be needed. (BC)

INDIVIDUALS
WITH SPECIAL NEEDS
SECTION

VT 002 750
Rankin, L.S.; Gibson, J.N.
Vocational Rehabilitation Services for High School Dropouts, A Report on the Referral of 50 Dropouts from the Tacoma Public Schools to the Division of Vocational Rehabilitation.

Washington Office of State Superintendent of Public Instruction, Olympia
MF AVAILABLE IN VT-ERIC SET.
RR-10-01
Pub Date - Jun66 41p.

*VOCATIONAL REHABILITATION; DROPOUTS; *DROPOUT PROGRAMS; EXPERIMENTAL PROGRAMS; EMOTIONAL ADJUSTMENT; VOCATIONAL ADJUSTMENT; *DROPOUT REHABILITATION; REHABILITATION PROGRAMS; *DROPOUT CHARACTERISTICS; STATE AGENCIES; EMPLOYMENT SERVICES; *PROGRAM EVALUATION; COST EFFECTIVENESS; HANDICAPPED
TACOMA; WASHINGTON; DIVISION OF VOCATIONAL REHABILITATION; DVR

Fifty high school dropouts between 1962 and 1965 were referred for Division of Vocational Rehabilitation (DVR) services to test the results of providing such services. Of the 50, 14 were not accepted or would not accept DVR services, 14 cases were closed with the individuals still unemployed, 19 individuals were employed, and three were receiving continued DVR services when the study ended. The largest group, about 68 percent of the 36 accepted cases, was diagnosed as having personality or behavior disorders of such severity that successful employment was impossible without rehabilitative services. Services included diagnostics, surgery and treatment, prosthetic appliances, training and training materials, tools, licenses and equipment, and other purchased services. All but one of the 19 clients who were employed at closure received vocational training, mostly from public vocational schools. The total program cost was $6,313, or $322.45 per rehabilitated client. Average monthly income for each of the 19 employed clients was $51.00 before services and $182.00 after services. This study pointed to the need for development and extension of cooperative arrangements between the DVR and the public schools. (ET)

VT 002 802
Hirst, Wilma E.
Occupational Needs of the Socio-Economic, Disadvantaged, and Other Handicapped Youth of Laramie County School District Number One, Phase One.

Laramie County School District No. 1, Cheyenne, Wyo.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 1Jun67 147p.

*EMPLOYMENT OPPORTUNITIES; EMPLOYMENT PRACTICES; EMPLOYER ATTITUDES; *DROPOUT RESEARCH; DROPOUT PREVENTION; *DISADVANTAGED YOUTH; *DROPOUT IDENTIFICATION; *SCHOOL HOLDING POWER; CASE RECORDS
LARAMIE COUNTY; WYOMING

The report includes the results of four surveys conducted in the area to: (1) locate and make job analysis of available jobs in the community for the socioeconomic disadvantaged and other handicapped youth, (2) better understand dropouts by study of 20 academic and family histories of enrollees in the Out-Of-School Neighborhood Youth Corps, (3) identify disadvantaged youth, potential dropouts, and the holding power of the Cheyenne Public Schools, (4) make specific recommendations to the school district on meeting the occupational needs of handicapped youth. Also included is a consultant's report containing the method of study, findings, school offerings, and recommendations. (MM)

VT 002 870
Ducoff, Louis J.
School Dropout Rates Among Farm and Nonfarm Youth: 1950 and 1960. Agricultural Economic Report 42.

Economic Research Services (DOA), Washington, D.C. Economic and Statistical Analysis Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Sep63 34p.

*DROPOUTS; *DROPOUT RATE; *DROPOUT CHARACTERISTICS; *NATIONAL SURVEYS; DROPOUT RESEARCH; RURAL DROPOUTS; URBAN DROPOUTS; STATISTICAL DATA; COMPARATIVE ANALYSIS

Information from the 1950 and 1960 Census of population is used to derive estimates of the number and proportion of farm and nonfarm youths who dropped out before finishing high school. The analysis focused on dropout rate for males, differences between major regions, and on comparisons of white-nonwhite differences within the farm and nonfarm school age populations. Data also were presented which may be used to derive dropout rates for females and to make detailed comparisons between the South and the rest of the United States. Dropout rates by age and residence for the entire United States and for the South are shown. The prevalence of droupouts among 19 year olds is shown for each of the 50 states by residence and by color for the southern states. Detailed analysis is limited to youths 16-24 years of age and describes school dropouts in 1950 and 1960. Estimates are made of the number of actual dropouts 14-24 years of age. (CH)

VT 004 683
Kentucky Program of Rehabilitation Services.

Kentucky Dept. of Education, Frankfort. Bureau of Rehabilitation Services
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 7p.

*VOCATIONAL REHABILITATION; BLIND; PROGRAM COSTS; *REHABILITATION PROGRAMS; *STATE PROGRAMS; PARTICIPANT CHARACTERISTICS
KENTUCKY

During 1967, the Bureau of Rehabilitation Services assisted in restoring 4,810 disabled persons to remunerative employment, Services were extended to a total of 11,616; 943 were provided with college training and 481 were sent to vocational schools. Information regarding the Bureau is organized under the headings: (1) Purpose, (2) Eligibility, (3) Results of 1967, (4) General Statistics, (5) Disability Determinations Program, (6) Vending Stand Programs, and (7) Rehabilitation Is a Program That More Than Pays for Itself. (JK)

VT 005 825 ED 022 295
Identification and Vocational Training of the Institutionalized Deaf-Retarded Patient. Part 1: The Diagnostic Study.

Michigan State Dept. of Mental Health, Lansing
Rehabilitation Services Administration (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.90
Pub Date - Dec64 56p.

*MENTALLY HANDICAPPED; *DEAF; *DIAGNOSTIC TESTS; AUDITORY TESTS; RETARDED SPEECH DEVELOPMENT; VOCATIONAL EDUCATION; HEARING LOSS; ACADEMIC ACHIEVEMENT; PHYSICAL EXAMINATIONS; EDUCATIONAL DIAGNOSIS; SPEECH HANDICAPS; SPEECH TESTS; *INSTITUTIONALIZED (PERSONS); *VOCATIONAL REHABILITATION; INTERDISCIPLINARY APPROACH; PROGRAM PLANNING; PROGNOSTIC TESTS; MEDICAL EVALUATION; RECORDS (FORMS); INDIVIDUAL CHARACTERISTICS; PSYCHOLOGICAL EVALUATION

This report covers the diagnostic phase of a 4-year study during its first 18 months. It includes a description of all the diagnostic instruments used and the results obtained for a study population of 169 deaf-retarded patients who were examined in order to identify and assess their physical, psychological, and educational characteristics. The work is organized into six parts: (1) Introduction, the background and goals of the study, (2) Methodology, a description of the study population and of the assessment battery of psychological tests, physical status, academic achievement, audiological and speech assessments, levels and types of emotional adjustment, and other personality characteristics, (3) Results of the Assessments, academic achievement, physical examination, speech and hearing evaluations, intellectual functioning, psychopathology, (4) Relationship Between Selected Variables, (5) Use of the Results, and (6) Appendix, seven exhibits of sample measuring instruments and 20 tables of data. Because the report is intended only to describe the diagnostic work, few interpretations are offered; these will be part of the final report of the entire study. (MU)

VT 008 117
Bibliography No. 14--Disadvantaged Groups and Addenda 1-7.

Wisconsin Univ., Madison. Center for Studies in Vocational and Technical Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Aug68 126p.

*ANNOTATED BIBLIOGRAPHIES; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; *DISADVANTAGED GROUPS; *SOCIAL DISADVANTAGEMENT

This bibliography of materials on disadvantaged groups with significance for vocational and technical education identifies information published in educational and trade periodicals, reports, and text form through 1968. Entries are arranged alphabetically by author in three categories: In-House Materials, Non-Library Materials, and Abstract Materials. Annotations accompany most entries and projects in progress are identified. Other bibliographies in the series are VT 008 107-VT 008 124. (CH)

VT 008 133 ED 033 192
Liebhafsky, E.E., And Others
A Methodological Approach to Identification and Classification of Certain Types of Inactive Work-Seekers. Final Report.

Houston Univ., Tex. Center for Research in Business and Economics
Office of Manpower, Automation and Training (DOL), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$6.90
Center for Research in Business and Economics, University of Houston, Cullen Boulevard, Houston, Texas 77004 ($3.00).
Pub Date - 22Oct65 136p.

*LABOR FORCE NONPARTICIPANTS; *WORK ATTITUDES; *EMPLOYMENT PROBLEMS; *NEGROES; *RESEARCH NEEDS; RESEARCH PROBLEMS; INTERVIEWS; QUESTIONNAIRES
HOUSTON; TEXAS

In an attempt to secure a better understanding of why some males withdraw or refrain from entering the nation's labor force, 99 volunteers were interviewed to: (1) identify by name and address, men who are not in the labor force but who, under some circumstances, would want to work, and (2) develop techniques for identifying economic, social, and psychological reasons underlying labor force non-participation. Of those interviewed, eight were classified as "not in the labor force." Research hypotheses were: (1) Protracted, unsuccessful job searches, restriction of past employment to low-skill and low-status occupations among older unemployed workers, inadequate skills or education of out-of-school youngsters, and/or racial discrimination may produce discouragement and abandonment of active searching, and (2) A non-working male may be classified as "not in the labor force" only because he does not know how to look for work. Recommendations included: (1) further analysis of the forces which relate to the employment, unemployment, and withdrawal from the labor force of Negro males, and (2) study of one metropolitan area based upon interviews of several hundred Negro males. The appendix contains tables, recommendations for study, social-psychological variables, interview schedule development, and the interview schedule utilized. (DM)

VT 008 296
Methods of Teaching the Disadvantaged.

Milwaukee Vocational Technical and Adult Schools, Wis. In-Service Training Dept.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 48p.

*TEACHING METHODS; *TEACHING SKILLS; *DISADVANTAGED GROUPS; *INSERVICE PROGRAMS

The instructional units are intended to assist the teacher in instructing disadvantaged students. Informational units include: (1) The Teacher of the Disadvantaged, (2) Teacher Atmosphere and Self-Analysis, (3) Teaching and Learning, (4) The Four-Step Instructional Process, (5) Fundamentals of Learning and Teaching, (6) Learning Difficulties, (7) Audio-Visual Instruction, and (8) Audio-Visual Equipment. A classroom critique guide is presented. (JK)

VT 008 373 ED 029 139
Alschuler, Alfred, And Others
Achievement Motivation Development Project. Interim Report Section 1.

Harvard Univ., Cambridge, Mass.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$1.00 HC-$10.70 OEG-0-8-071231-1747 08
BR-7-1231
Pub Date - Feb69 212p.

*LEARNING MOTIVATION; *STUDENT MOTIVATION; *MOTIVATION TECHNIQUES; *ACADEMIC ACHIEVEMENT; *INDIVIDUALIZED CURRICULUM; POTENTIAL DROPOUTS; HIGH SCHOOL STUDENTS; JUNIOR HIGH SCHOOL STUDENTS; COURSE EVALUATION; SELF ACTUALIZATION; LITERATURE REVIEWS; EDUCATIONAL ENVIRONMENT; CHANGING ATTITUDES; QUESTIONNAIRES; EXPERIMENTAL GROUPS; CONTROL GROUPS; DEVELOPMENTAL PROGRAMS
ACHIEVEMENT MOTIVATION DEVELOPMENT PROJECT

Two objectives of this project were: (1) to discover what specific methods of arousing motivation are most effective for particular groups, and (2) to prepare instructional materials which will make the prototype achievement motivation course and motivational climates available to a wider number of educators. Attention is given to the methods (inputs) for arousing motives and ways of evaluating whether a motive has been aroused (yields). There are two general types of inputs: course inputs and environmental inputs. Course inputs may be placed in four groups: (1) teaching the achievement syndrome, (2) fostering goal setting, (3) providing cognitive supports, and (4) providing group supports. Environmental inputs are the opportunities and specific external cues for motives. Motivation is studied relative to potential high school dropouts, increases through structure and climate, and yields through individualized instruction. A related document is VT 008 366 (in this issue). (CH)

VT 008 412
Evaluation of Work Scholarship Program.

District of Columbia Public Schools, Washington, D.C. Dept. of Research, Budget, and Legislation
MF AVAILABLE IN VT-ERIC SET.
District of Columbia Public Schools' Division of Planning, Innovation and Research, 415 12th Street, N.W., Washington, D.C. 20004 (no charge).
Pub Date - Jun67 28p.

*WORK EXPERIENCE PROGRAMS; *DROPOUT PREVENTION; *PROGRAM EVALUATION; *HIGH SCHOOLS; SCHOOL SURVEYS; FAMILY BACKGROUND; GRADES (SCHOLASTIC); WAGES; ATTENDANCE PATTERNS; CONDUCT; *STUDENT IMPROVEMENT; STUDENT CHARACTERISTICS
WASHINGTON, D.C.

This report concerns two studies of work scholarship program participants in the junior and senior public high schools of the District of Columbia. The first report used a sample of 286 participants during 1964-65 and 1965-66 and sought (1) to determine the effectiveness of this program in aiding students to stay in school, and (2) to evaluate the effects that program participants had on indicators of school motivation and achievement. Data show that the program has been effective in reducing dropout rates at a statistically significant level; however, other factors, such as scholarship, deportment, and attendance, were not improved. A second study was made of 518 participants during the 1966-67 school year in order to determine how the work scholarship pay was spent. Finding indicated that most students used their earnings for essential items such as food and clothing, school supplies, and participation in various school activities. Recommendations for future evaluations suggest concentration on actual performance changes of participating students. (CH)

VT 008 457 ED 029 973
Sandhofer, Richard G.; Nichols, Jack L., Ed.
The Development of Specialized Educational Programs for Poor Learners for Use in Non-Educational Settings. Final Report.

Minneapolis Rehabilitation Center, Inc., Minn. Research and Development Div.
United Fund of Minneapolis, Minn.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.25 OEG-6-85-088 08
BR-5-0191
Pub Date - Dec68 43p.

*SLOW LEARNERS; PROGRAMED INSTRUCTION; AUDIOVISUAL INSTRUCTION; *JOB TRAINING; AUTOINSTRUCTIONAL AIDS; JOB SKILLS; ADULT VOCATIONAL EDUCATION; *VOCATIONAL REHABILITATION; *PROGRAM DESCRIPTIONS; INDIVIDUALIZED INSTRUCTION; MATERIAL DEVELOPMENT; EXPERIMENTAL PROGRAMS; *AUTOINSTRUCTIONAL PROGRAMS

Automated audio visual vocational training courses for duplication machine operator and janitor occupations were developed for poor learners to use in rehabilitation centers, state hospitals, etc. Program development included: (1) surveying pertinent literature in the field of program learning of occupations, (2) visiting business and industrial concerns to determine trainee responsibilities, (3) training curriculum development personnel, (4) preparing, testing and revising subject matter, (5) selecting a presentation system, (6) integrating the content and presentation system, and (7) monitoring trainee performance in the completed program. The teaching system used programmed question and response booklets, tape recordings, color slides, structured practice, and human supervision. It was concluded that the programs imparted the necessary skills to poor learners, and could be effectively used in non-educational settings. Individualized vocational training for poor learners has some distinct advantages, and the techniques can be used with similar job training programs for other occupations. The development and reproduction of the programs proved to be time-consuming, difficult and costly. (FP)

VT 008 519 ED 030 719
Clements, Hubert M., And Others
The Unfit Majority: A Research Study of the Rehabilitation of Selective Service Rejectees in South Carolina. Final Report for: Experimental Demonstration Project for Servicing Selective Service Rejectees.

South Carolina Vocational Rehabilitation Dept., Columbia
Rehabilitation Services Administration (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.45
South Carolina Vocational Rehabilitation Department, 1211 Heyword Street, Columbia, South Carolina 29206
Pub Date - Oct67 47p.

*VOCATIONAL REHABILITATION; PHYSICALLY HANDICAPPED; *EMPLOYMENT SERVICES; DEMONSTRATION PROJECTS; ON THE JOB TRAINING; EDUCATIONAL TESTING; INDIVIDUAL CHARACTERISTICS; TABLES (DATA); QUESTIONNAIRES; MALES; *YOUNG ADULTS; EXPERIMENTAL PROGRAMS; *REHABILITATION PROGRAMS; MENTALLY HANDICAPPED; PROGRAM DESCRIPTIONS; PROGRAM COSTS
*SELECTIVE SERVICE REJECTEES; SOUTH CAROLINA

A 3-year demonstration project focused on the vocational rehabilitation of selective service rejectees in a five-county area in Central South Carolina. In 1962, over 50 percent of South Carolina's young men who were examined for military service were rejected for failure to meet physical and/or mental requirements. Of 1,450 selective service rejectees, 347 received further evaluation by the project staff and 112 were accepted for vocational rehabilitation services. Clients with physical impairments were further examined to determine whether surgery and/or treatment might correct or substantially reduce the impairment. Clients who had no marketable skill and were trainable were provided vocational training in on-the-job situations. Final results indicate that 95 clients accepted for rehabilitation services were placed in competitive employment. Also, in more than half of the cases (52.7 percent) the cost of all services provided for rejectee-clients totaled $100 or less. The study tends to verify beliefs that for a small outlay of funds and through vocational rehabilitation efforts, military rejectees can become contributing members of a competitive society. (CH)

VT 008 564
The Human Resource Development Concept.

Manpower Administration (DOL), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 61p.

*DISADVANTAGED GROUPS; *UNEMPLOYED; REHABILITATION; MANPOWER DEVELOPMENT; HUMAN RESOURCES; COMMUNITY SERVICE PROGRAMS; FEDERAL PROGRAMS; *PROGRAM GUIDES; PROGRAM ADMINISTRATION; *HUMAN SERVICES; *EMPLOYMENT SERVICES; FEDERAL STATE RELATIONSHIP; JOB DEVELOPMENT; COMMUNITY ACTION; JOB PLACEMENT
*HUMAN RESOURCES DEVELOPMENT CONCEPT; HRD CONCEPT

The Human Resources Development redirects available resources to solving the problem of the hard-core unemployed. The concept has been applied in 140 metropolitan areas and in selective rural areas, including Appalachia, and areas with a heavy concentration of Spanish speaking people. Human Resources Development Services will be performed by personnel who are specially trained and assigned within the Federal State Employment Service system. Those served will include poor Negroes, Indians, Puerto Ricans, Mexican-Americans, whites, physically and mentally handicapped civilians and disabled veterans, the aged, and youth who are rehabilitated law offenders or high school graduates and drop-outs but who lack work experience or educational achievement. Target areas have been selected in 19 major cities and two rural areas. A total of $105 million in combined funds have been made available to develop intensive employment, training, and work training programs for the hard-core unemployed and underemployed living in these areas. The document contains information about administration and organization, human resources development services, and community organization and public relations. (FP)

VT 008 581
Cudney, Robert E.
Work Orientation Program, 1965-1968. Final Report.

Illinois Research and Development Coordinating Unit, Springfield
Township High School District 214, Mount Prospect, Ill.
MF AVAILABLE IN VT-ERIC SET.
Pub Date- 68 183p.

*DISADVANTAGED STUDENTS; *COOPERATIVE EDUCATION; *PREVOCATIONAL EDUCATION; *PROGRAM EVALUATION; *PROGRAM DESCRIPTIONS; INTERAGENCY COOPERATION; HIGH SCHOOL STUDENTS; PROGRAM ADMINISTRATION; STUDENT PERSONNEL SERVICES; PROGRAM CONTENT; COURSE ORGANIZATION; POST TESTING; PRETESTING
*WORK ORIENTATION PROGRAM; TOWNSHIP HIGH SCHOOL DISTRICT 214; MOUNT PROSPECT; ILLINOIS

This academic and prevocational program was a coordinated effort to increase the self-sufficiency and employability of physically and mentally handicapped youth. The 4-year program for students 15 to 19 years of age included: (1) social-vocational evaluation in education, (2) prevocational and in-school work experience, (3) on-the-job adjustment training in the community, and (4) placement and follow-up. This report summarizes the first 2 years and presents details of the third year in the areas of (1) work orientation, (2) philosophy and objectives, (3) student selection, (4) evaluations of technical processes, enrichment, buildings, counseling, science, and English and reading, (5) program studies, (6) workshop reports, (7) dissemination of information, and (8) the division of vocational rehabilitation. (FP)

VT 008 590 ED 029 985
Sharar, Paul H., And Others
The TRY Project: A Demonstration of a Comprehensive Educational Model for Disadvantaged Youth. Final Report.

Training Resources for Youth, Inc., Brooklyn, N.Y.
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$1.25 HC-$16.45
OEC-1-6-002225-2225 OEG-1-6-00224-2224 08
BR-5-1312

Pub Date - Feb69 327p.

*DISADVANTAGED YOUTH; DROPOUT REHABILITATION; *DEMONSTRATION PROJECTS; CULTURAL ENRICHMENT; URBAN YOUTH; JOB PLACEMENT; *ADULT VOCATIONAL EDUCATION; OUT OF SCHOOL YOUTH; JOB TRAINING; *PROGRAM DESCRIPTIONS; EDUCATIONAL EQUALITY; ENVIRONMENTAL INFLUENCES; BEHAVIOR CHANGE; EDUCATIONAL PROGRAMS; WORK EXPERIENCE PROGRAMS; PROGRAM DEVELOPMENT; PARTICIPANT CHARACTERISTICS; INDIVIDUAL DEVELOPMENT
*PROJECT TRAINING RESOURCES FOR YOUTH; PROJECT TRY

Training Resources for Youth, Incorporated (TRY) was formed as an independent membership corporation under the laws of New York State to conduct a demonstration training center for out-of-school, out-of-work, or underemployed male youth, age 17 through 21. The basic goals were to develop sound methods and techniques for producing positive changes in the attitudes and behaviors of deprived youth, and to provide an educational environment in which youth could learn the necessary vocational, personal, and social skills. Of the 544 trainees who were enrolled in the TRY project, the results show that 48 percent graduated, 45 percent dropped out or were discharged, and 7 percent terminated for reasons not related to the project. A followup study of TRY graduates shows that 12 percent went to college, 76 percent were placed in training-related jobs, 7 percent went to the armed forces, 4 percent were placed in nontraining-related jobs, and 1 percent went on to other training programs. The mean starting pay for all placed graduates was $82.00 per week or $4,264 per year. (CH)

VT 008 598 ED 029 988
Peters, John M.
Effect of Internal-External Control on Learning and Participation in Occupational Education. Center Research Monograph No. 1.

North Carolina Univ., Raleigh. N.C. State Univ. Center for Occupational Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$6.95
OEG-2-7-070348-2698 08
BR-7-0348

Pub Date - 68 137p.

BEHAVIOR CHANGE; SOCIAL ATTITUDES; SOCIAL INFLUENCES; *PRISONERS; *VOCATIONAL EDUCATION; SOCIAL ENVIRONMENT; CONTROLLED ENVIRONMENT; *LEARNING THEORIES; REINFORCEMENT; DISADVANTAGED GROUPS; QUESTIONNAIRES; ENVIRONMENT INFLUENCES; *INFORMATION UTILIZATION; INDIVIDUAL CHARACTERISTICS; *BEHAVIOR THEORIES; SELF ACTUALIZATION; ASPIRATIONS; ENVIRONMENTAL RESEARCH; SELF CONCEPT; SELF CONTROL

The purpose of this study was two-fold: (1) to determine the effect of internal-external control on retention of control-relevant versus non-control relevant information, and (2) to investigate differences among internal and external prison inmates in their participation in occupational education programs. The sample of 216 inmates, ranging in age from 18 to 65 years, were from a correctional institution in North

Carolina. The treatment consisted of manipulating the perceived relevancy of parole information to the prison inmate's chances of achieving parole. The data are presented in three parts, by test of (1) the retention hypotheses, (2) hypotheses concerning participation in occupational education, and (3) reliability of the instruments used in the study. It was concluded that a person can be described as possessing a generalized expectancy of control or lack of control over his environment, and that this characteristic can affect his willingness to learn information or engage in activities that could reasonably be expected to increase his chances of control over his environment, such as participation for employability. (CH)

VT 008 653 ED 030 730
Jones, Lewis W., And Others
The Tuskegee Institute Handbook for Guidance Counseling of Disadvantaged Adults.

Tuskegee Inst., Ala.
Department of Health, Education, and Welfare, Washington, D.C.
Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$0.75 HC NOT AVAILABLE FROM EDRS.
Pub Date - 66 140p.

*ADULT VOCATIONAL EDUCATION; *ADULT BASIC EDUCATION; *REHABILITATION COUNSELING; VOCATIONAL REHABILITATION; REMEDIAL INSTRUCTION; GROUP COUNSELING; INDIVIDUAL COUNSELING; UNEMPLOYED; UNDEREMPLOYED; ADULT COUNSELING; *GUIDES; GUIDANCE COUNSELING; *LOW INCOME GROUPS; CULTURALLY DISADVANTAGED

The project aimed to provide disadvantaged adults with elementary training in vocational skills and instruction in those basic communication and computation skills deemed essential for effective pursuit of a vocation. The 109 adult trainees met the following selection criteria: (1) head of 2 family or household, (2) unemployed or underemployed, (3) a resident of the State of Alabama, and (4) evidence of 2 years of employment some time in the past. The trainees were also characterized by: (1) low literacy, less than an 8th grade education, (2) low income, an annual family income of less than $3,000 with high levels of unemployment and underemployment, and (3) cultural limitations, life styles, thought forms, and institutional participation patterns which have been narrowly restricted. Counseling of trainees was devised as a feature of the research program and material presented in the report addresses the concerns of counselors who deal with comparable populations. (CH)

VT 008 697
Snyderman, George S.
A Work Adjustment Center for Older Disabled Workers. Final Report.

Jewish Employment and Vocational Service, Philadelphia, Pa.
Rehabilitation Services Administration (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 14Feb67 77p.

*VOCATIONAL REHABILITATION; *DEMONSTRATION PROJECTS; *OLDER ADULTS; *HANDICAPPED; *ECONOMICALLY DISADVANTAGED; LITERATURE REVIEWS; REHABILITATION COUNSELING; WORK ATTITUDES; ADULTS; EMPLOYMENT SERVICES; REHABILITATION CENTERS; PROGRAM DESCRIPTIONS
PHILADELPHIA

A work adjustment facility for disabled older persons with a variety of problems hindering their ability to adjust to previous work situations was utilized in this demonstration project. Six hundred persons 45 years of age and older were served; 386 males and 214 females. The clients were classified according to primary disability, that is, emotional, intellectual and personality; sensory; systemic; and multiple physical handicaps. The commonality among the groups was economic disadvantagement as evidenced by long periods of unemployment. Data on the 600 participants were examined by disability categories, age groupings, educational attainment, work experience, length of unemployment, and highest occupational level. Findings included: (1) Employer attitudes can be modified regarding age and a disability through appropriate approaches during placement negotiations, (2) Techniques for rehabilitation of older disabled workers should be applied differentially according to variables such as physical strength, tolerance for pressures, and motivation to achieve, and (3) The presence or absence of family ties frequently is a contributing cause for past vocational failures. (CH)

VT 008 698 ED 030 732
Glaser, William A.
Sheltered Employment of the Disabled: An International Survey.

International Society for Rehabilitation of the Disabled
World Commission on Vocational Rehabilitation
National Society for Crippled Children and Adults, Inc., Chicago, Ill. Easter Seal Research Foundation
Vocational Rehabilitation Administration (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.65
Pub Date - Jan66 91p.; Survey conducted in connection with the International Seminar on Sheltered Employment (Stockholm, September 21-October 1, 1964).

*SHELTERED WORKSHOPS; *HANDICAPPED; *VOCATIONAL REHABILITATION; *SURVEYS; *FOREIGN COUNTRIES; TEACHING SKILLS; LABOR CONDITIONS; SOCIAL SERVICES; TRAINING OBJECTIVES; MANAGEMENT; PRODUCTIVITY; REHABILITATION PROGRAMS; GOVERNMENT ROLE; ADMINISTRATIVE ORGANIZATION; COMPARATIVE STATISTICS

Information on an international survey on policies and practices in sheltered employment was conducted by questionnaires in English and Spanish in 65 countries, and by interviews in India and the United States. For convenience this report retained the traditional words "sheltered workshop," even though leaders in some countries are beginning to abandon the phrase because of its association with terminal employment. Information is reported from the 37 responding countries, where 2,800 workshops are employing 180,000 people. These data indicate that the sheltered workshop is a significant factor in economic, social, and rehabilitation planning. Extensive tables and charts contain information on the size and composition of programs, goals of sheltered employment, ownership and control, production and sales, management and labor. (CH)

VT 008 742 ED 030 739
Papers Presented at the National Conference on Vocational Education of Handicapped Persons (Pittsburgh, Pa., February 25-27, 1969).

Pittsburgh Univ., Pa. Program of Special Education and Rehabilitation
Office of Education (DHEW), Washington, D.C. Div. of Vocational and Technical Education
EDRS PRICE MF-$0.25 HC-$2.30
Pub Date - Feb69 44p.

*VOCATIONAL EDUCATION; *HANDICAPPED; *CONFERENCE REPORTS; *PROGRAM PLANNING; EMPLOYMENT POTENTIAL; PROGRAM DEVELOPMENT; SCHOOL INDUSTRY RELATIONSHIP; EMPLOYMENT SERVICES; AGENCY ROLE; URBAN YOUTH; PROGRAM DESIGN; MENTALLY HANDICAPPED; JOB PLACEMENT; INTERAGENCY COOPERATION; SPEECHES
*NATIONAL CONFERENCE ON VOCATIONAL EDUCATION FOR HANDICAPPED PERSONS, PITTSBURGH, PA., FEBRUARY 25-27, 1969

Presentations at this conference included: (1) "Potential for Employment of the Handicapped," by John W. Kidd, (2) "Implementing Programs to Serve the Handicapped: Some Concerns and Considerations," by Jerry C. Olson, (3) "Labor and Industry Look at the Training and Placement of the Handicapped," by Ralph A. Peckham, (4) "Comprehensive Vocational Preparation of the Handicapped: An Inter-Agency Problem," by Salvatore DiMichael, (5) "Integrated and Segregated Vocational Education Programs for the Handicapped," by G. Orville Johnson, and (6) "The Education of Mentally Handicapped Youth in a Large Urban Community," by Jerry Miller. Summary recommendations of conference work groups are presented for the areas of administration, instructional programs, supportive services, personnel preparation, and directions. (CH)

VT 008 760 ED 030 742
Papers Presented at the National Workshop on Vocational Education for Disadvantaged (Atlantic City, N.J., March 12-14, 1969).

National Committee on Employment of Youth, New York, N.Y.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$5.95
Pub Date - Mar69 117p.

*VOCATIONAL EDUCATION; *DISADVANTAGED GROUPS; *WORKSHOPS; *PROGRAM PLANNING; CURRICULUM DEVELOPMENT; FEDERAL PROGRAMS; COMMUNITY INVOLVEMENT; DEMONSTRATION PROGRAMS; TEACHER EDUCATION; COUNSELING SERVICES; SCHOOL INDUSTRY RELATIONSHIP; SYSTEMS APPROACH; SPEECHES
*NATIONAL WORKSHOP ON VOCATIONAL EDUCATION FOR THE DISADVANTAGED, ATLANTIC CITY, NEW JERSEY, MARCH 12-14, 1969

Presentations included in this collection are: (1) "Vocational Education for the Disadvantaged: Lessons from Government Funded Programs," by Garth L. Mangum, (2) "Curriculum Adaptations," by Frances S. McDonough, (3) "Case Study: Newark Manpower Training Skills Center," by George R. Quarles, (4) "The Development of Vocational Education Teachers of the Disadvantaged," by Lawrence Reddick, (5) "Counseling and Supportive Services in Vocational Education for the Disadvantaged," by Richard Greenfield, (6) "Perspectives on the Workshop," by Martin Hamburger, (7) "Curriculum Implications for an Educational System that Meets the Needs of Disadvantaged Students," by Jerry C. Olson, (8) "Turning Vocational Education to the Disadvantaged: Working with the Employers and Unions," by Robert Schrank and Susan Stein, (9) "Involving the Community in Vocational Education for the Disadvantaged," by Dan Dewees and Lester Wooten, (10) "Vocational Education for the Disadvantaged: Lessons from Ford Foundation Funded Programs," by Marvin J. Feldman, (11) "Review of Case Presentation Materials and Techniques," by Louis Ramundo and Michael R. Robinson, and (12) "Vocational Education for the Disadvantaged: Planning, Organizing and Operating Through a Systems Approach," by Cleveland L. Dennard. (CH)

VT 008 775 ED 032 404
Nichols, Jack L.; Abrams, Harvey A.
The Relocation of the Hard Core Unemployed.

Minneapolis Rehabilitation Center, Minn.
Manpower Administration (DOL), Washington, D.C.
United Fund of Minneapolis, Minn.
EDRS PRICE MF-$0.50 HC-$3.70
Pub Date - Feb68 72p.

*UNEMPLOYED; *RURAL POPULATION; *RELOCATION; *REHABILITATION
MINNEAPOLIS-ST. PAUL

The purpose of the Minneapolis Rehabilitation Center project (July 1966 to June 1967) was to prepare a sample of 80 unemployed residents of small communities in northern Minnesota to live and work in the metropolitan Minneapolis-St. Paul area. Heads of households were provided intensive, comprehensive evaluation and treatment services to deal with their social, vocational, and psychological problems. In addition, they were provided services to facilitate their integration into the new community: tours of urban industries, help in approaches to finding work in a large city, help in finding housing, etc. At the conclusion of the services, they were assisted to secure suitable employment. After demonstrating job stability, clients were provided financial assistance to move their families to the urban area. Of the 80 clients, 46 relocated and, 2 months after relocating, only one had returned to the supply area community. It was concluded that relocation can be a viable tool with populations of the kind studied, provided financial assistance for relocation can be coupled with extensive services that simultaneously deal with the characteristic complex of interrelated life problems. (JK)

VT 008 793 ED 031 573
Brown, Minnie Miller, And Others
A Study of North Carolina Negro Homemakers. Extension Evaluation Study No. 4.

North Carolina State Agricultural Extension Service, Raleigh
EDRS PRICE MF-$0.50 HC-$6.45
North Carolina Agricultural Extension Service, North Carolina State University, Room 105, Ricks Hall, Raleigh, North Carolina 27607.
Pub Date - Sep64 127p.

AGRICULTURAL EDUCATION; *NEGROES; DISADVANTAGED GROUPS; HOMEMAKING EDUCATION; CONSUMER EDUCATION; *STATE SURVEYS; *INDIVIDUAL CHARACTERISTICS; SOCIOECONOMIC INFLUENCES; EDUCATIONAL NEEDS; HOMEMAKERS CLUBS; *HOUSEWIVES; *EXTENSION EDUCATION; HOMEMAKING SKILLS; NEGRO MOTHERS; COMPARATIVE ANALYSIS
NORTH CAROLINA

This statewide study of the home demonstration program in nine representative counties was designed to determine home economics extension program needs, to discover the degree of participation, and to locate people who might profit from the program. Personal interviews were conducted with 498 home demonstration club members and 572 nonmembers. National and state studies previously made in connection with family living and home economics were also examined. Findings are in the areas of: (1) residence, (2) home ownership, (3) age, (4) family composition, (5) education, (6) family income, (7) employment status, (8) home facilities, conveniences, and newspaper subscriptions, (9) clothing, (10) family financial management, (11) home furnishing, (12) planned housing changes, (13) production, conservation, and use of foods at home, (14) organization membership and leadership, and (15) family life concerns. The findings suggest the need for further training of personnel and changes in program emphasis and approaches. It is anticipated that future agricultural, youth and 4-H community development, and home economics programs will be affected. (JK)

VT 008 829 ED 030 749
Law, Gordon F., Ed.
Research Visibility. Disadvantaged Youth: Rural Poverty and the Urban Crisis.

American Vocational Association (DHEW), Washington, D.C.
Office of Education (DHEW), Washington, D.C.

EDRS PRICE MF-$0.25 HC-$0.90 BR-7-0633 OEG-2-7-070633 08
American Vocational Journal; v43 n6 p41-56 Sept 1968.
Pub Date - Sep68 16p.

*BIBLIOGRAPHIES; *VOCATIONAL EDUCATION; *RESEARCH REVIEWS (PUBLICATIONS); *EDUCATIONAL RESEARCH; CURRICULUM DEVELOPMENT; *DISADVANTAGED YOUTH; DEMONSTRATION PROJECTS; PRISONERS; MANPOWER UTILIZATION; VOCATIONAL ADJUSTMENT; EQUAL OPPORTUNITIES (JOBS); SOCIOECONOMIC INFLUENCES

Fifteen reviews in this issue pertaining to rural and urban disadvantaged youth are organized under six topics: (1) Manpower Reports reviews the 1967 and 1968 Presidential Manpower Reports and a report on national goals and manpower requirements, (2) Training youthful offenders treats correctional programs at the Lorton Youth Center and the New York City jail, (3) Curriculum Development Projects report projects devoted to basic vocational talents, remedial postsecondary education, citizenship education, and technical skills for disadvantaged union members, (4) Sociological Studies reviews studies of fathers' effects on boys' goals, vocational education problem solutions in Great Britain and the United States, equal employment opportunities, and management experience with these opportunities, and (6) Guidance and Training Centers outline two demonstration programs which combine several educational services for the benefit of disadvantaged students. "Plain Talk," a continuing column by the author, briefly discusses the importance of occupational education. The bibliography lists 29 related studies which are in progress. (EM)

VT 008 846 ED 031 575
Criminology and Corrections Programs: A Study of the Issues.

Joint Commission on Correctional Manpower and Training, Washington, D.C.
EDRS PRICE MF-$0.50 HC-$5.45
Joint Commission on Correctional Manpower and Training, 1522 K Street, N.W., Washington, D.C. 20005 ($1.00).
Pub Date - Jul68 107p.; Papers presented at a seminar (Washington, D.C., May 1-2, 1968).

HIGHER EDUCATION; PROFESSIONAL PERSONNEL; REHABILITATION; *PROFESSIONAL EDUCATION; CRIMINALS; *COLLEGE PROGRAMS; *DELINQUENT REHABILITATION; *CORRECTIONAL EDUCATION; *PRESERVICE EDUCATION; RELEVANCE (EDUCATION); STATUS; SPEECHES; CONFERENCE REPORTS; INTERDISCIPLINARY APPROACH; INTERAGENCY COOPERATION; CURRICULUM; CRIMINOLOGY; NATIONAL SURVEYS; MANPOWER NEEDS
*JOINT MANPOWER AND TRAINING SEMINAR ON CRIMINOLOGY AND CORRECTIONS PROGRAMS, WASHINGTON, D.C., MAY 1-2, 1968

The purpose of the seminar was to explore the problems of programs in criminology and corrections in institutions of higher education. In "Issues for the Seminar" by John J. Galvin, the following are some of the proposals offered for consideration: (1) reaching of some practical agreement concerning categories and responsibility levels of work as related to curricula, (2) realistic assessment of what is possible in the area of employment standards, (3) interaction between universities and the service field, (4) liaison between the university department offering the corrections program and university departments offering related services, (5) massive financial support, and (6) avoidance of policies which would lock out individuals who formerly lacked opportunity to acquire credentials. Other papers include: (1) "Higher Education Programs in Criminology and Corrections" by Loren Karacki and John J. Galvin, (2) "Content of the Curriculum and Its Relevance for Correctional Programs" by Peter P. Lejins, (3) "Universities and the Field of Practice in Corrections" by Vernon B. Fox, and (4) "The Prestige of Corrections Curricula" by T.C. Esselstyn. Discussion from the floor relating to problems of concern to all correction and criminology programs is also reported. (JK)

VT 008 859 ED 030 755
On-The-Job Training Program, Educable Mentally Retarded. Final Report.

School District No. 25, Pocatello, Idaho
Rehabilitation Services Administration (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.50
Pub Date - Jan68 48p.

*VOCATIONAL REHABILITATION; *EDUCABLE MENTALLY HANDICAPPED; *YOUTH; *ON THE JOB TRAINING; *DEMONSTRATION PROJECTS; BIBLIOGRAPHIES; LONGITUDINAL STUDIES; PROGRAM DESCRIPTIONS; RECORDS (FORMS)

School training and vocational services were combined into a program designed to demonstrate that educable mentally retarded students could develop well rounded working habits that would mutually benefit them and the community. On-the-job training was used as a demonstration of the practical use of academic, social, and vocational skills learned in the classroom. Classroom work was individualized to the work experience of the student in order to develop skills and attitudes necessary for a successful employment, good citizenship, and worthwhile use of leisure time. Work experience programs of 1 to 2 hours of each school day were provided within the public school setting for students below the age of 16. Upon reaching the age of 16 students were placed in the community and worked from 3 to 4 hours per day. Findings indicate that the I.Q. score by itself was inadequate as an indicator of job capabilities. The performance area of the psychological examination proved to be more reliable in this respect than did the verbal area in the overall I.Q. score. During the 3-years of operation, job placement was accomplished for 12, 18, and 19 students respectively. Information on types of occupations and project dropouts is appended. (CH)

VT 008 866 ED 032 408
Volunteers Look at Corrections.

Harris (Louis) and Associates, Inc., New York, N.Y.
Joint Commission on Correctional Manpower and Training, Washington, D.C.
Ford Foundation, New York, N.Y.
EDRS PRICE MF-$0.25 HC-$1.95
Joint Commission on Correctional Manpower and Training, 1522 K Street, N.W., Washington, D.C. 20005 ($1.00).
Pub Date - Feb69 37p.

*CORRECTIONS; *VOLUNTEERS; *NATIONAL SURVEYS; ATTITUDES; OPINIONS; INDIVIDUAL CHARACTERISTICS; CORRECTIVE INSTITUTIONS; COMMUNITY SERVICES
JOINT COMMISSION ON CORRECTIONAL MANPOWER AND TRAINING

A randomly selected sample of 541 volunteers representing the various kinds of corrections agencies were interviewed to determine attitudes toward the correctional system. The major sections of the report represent the four substantive areas examined: (1) Who are the Volunteers?, (2) Why Are They Volunteers?, (3) Volunteer Work in the Correctional Agency, and (4) Attitudes Toward Volunteer Work in the Correctional Agency. Some highlights were: (1) Volunteers were younger and better educated than the general adult public, (2) About half of the volunteers were women, but Negroes were underrepresented, (3) Volunteers offered their services (in order of decreasing importance) because of a desire to help others, a recognition of need and a sense of obligation to serve, and anticipated personal benefits, (4) Volunteers emphasized the relationship of social conditions to crime and delinquency, (5) There was indication of overconfidence and insensitivity to the inherent problems of corrections situations, (6) There was evidence of passivity on the part of corrections agencies in terms of recruiting, screening, and training, (7) Field agencies and adult institutions have the highest volunteer participation, and (8) Nine in ten volunteers rate cooperation between themselves and the professional staff as "usually good". (JK)

VT 008 888 ED 030 758
Bibliography of Vocational Rehabilitation with Emphasis on Work Evaluation.

Pittsburgh Univ., Pa. Research and Training Center in Vocational Rehabilitation
Social and Rehabilitation Service (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$5.55
RT-14
Pub Date - Jan68 109p.

*ANNOTATED BIBLIOGRAPHIES; *VOCATIONAL REHABILITATION; *EMPLOYMENT; *PERFORMANCE; *EVALUATION
*WORK EVALUATION

This bibliography was prepared as an aid to professional workers in rehabilitation who are concerned with work evaluation. The entries are arranged alphabetically by author within the following categories: periodicals, pamphlets, abstracts, bibliographies, and references, government publications, and books. Criteria for inclusion of material included: (1) major significance for vocational rehabilitation, (2) published within the last 10 years, unless considered a classic, (3) widely circulated and popular, and (4) concerned with psychological evaluation, social and personal adjustment, counseling, placement, and educational aspects of disabilities as they apply to work. Selected titles in related fields of medicine, sociology and special education are also included. (CH)

VT 008 924 ED 032 411
Program of Vocational Rehabilitation for Young Adult Offenders.

Pennsylvania State Correctional Inst., Camp Hill
Pennsylvania State Dept. of Justice, Harrisburg. Bureau of Correction
EDRS PRICE MF-$0.25 HC-$2.70
Pub Date - 68 52p.

*DELINQUENT REHABILITATION; *INSTITUTIONALIZED (PERSONS); YOUNG ADULTS; REMEDIAL PROGRAMS; CURRICULUM; *VOCATIONAL REHABILITATION; OCCUPATIONAL GUIDANCE; REMEDIAL ARITHMETIC; REMEDIAL READING; MALES; VOCATIONAL EDUCATION; COLLEGE CREDITS; BIBLIOGRAPHIES; *CORRECTIONAL EDUCATION; *PROGRAM DESCRIPTIONS; COURSE DESCRIPTIONS; RECORDS (FORMS); JOB PLACEMENT; PROGRAM ADMINISTRATION
ELEMENTARY AND SECONDARY EDUCATION; ACT TITLE I PROGRAM; ESEA TITLE I PROGRAM

Full development of the educational, occupational, and attitudinal abilities of young delinquents admitted to the Camp Hill State Correctional Institute was the object of this Elementary and Secondary Education Act Title I Program. Young adults 15-21 years committed to Camp Hill average 6.1 on the standard educational battery test and their outside scholastic record as to final school grade averages 6.17. The program added supplemental training and educational experience to all traditional routines, and developed new courses such as Industrial Electronics, Automotive Diagnostics, Office Practice, Television Repair, Trade Drafting, Photographic Techniques, and a program of vocational guidance counseling. Students with reading and arithmetical deficiencies received special instruction. Of the more than 400 participants, only 38 were dropouts from the program. During 4 years of program operation, almost 800 inmates have earned their high school diplomas with a similar number acquiring certificates ranging from 8th through the 11th grade. Also, college credit courses conducted by college faculty were initiated. (CH)

VT 008 927
Avery, Robert W.; Chesler, Herbert A.
A Community Organizes for Action: A Case Study of the Mon-Yough Region in Pennsylvania.

Pennsylvania State Univ., University Park. Inst. for Research on Human Resources
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Institute for Research on Human Resources, Pennsylvania State University, 411 Boucke Building, University Park, Pennsylvania 16802 ($1.00).
Pub Date - Jun67 126p.

*COMMUNITY ACTION; *COMMUNITY ORGANIZATIONS; CITIZEN PARTICIPATION; *POVERTY PROGRAMS; INTERAGENCY COOPERATION; *INTERAGENCY COORDINATION; *PROGRAM DEVELOPMENT; EMPLOYMENT PROGRAMS; VOCATIONAL EDUCATION; DEMOGRAPHY
*MON YOUGH REGION; PENNSYLVANIA; ECONOMIC OPPORTUNITY ACT; MANPOWER DEVELOPMENT AND TRAINING ACT; MDTA

This study deals with the process by which the Mon-Yough Community Action Committee, Incorporated, was organized and developed between 1964 and 1966. In its 2 years the committee has become the center of the "war on poverty" in the region, both by supporting and coordinating existing institutions and by important activities of its own. The goals of the committee were to: (1) ascertain the needs of the poor and devise regularized means for meeting these needs, (2) identify groups for whom programs are necessary, (3) coordinate activities of existing organizations, (4) engage in compensatory activities to supplement the work of other organizations, and (5) provide employment in positions to be created with the authorization of programs. The process and problems of organization, the objectives and actvities of the committee and the economic and demographic profile of the Mon-Yough region are discussed in detail. (JK)

VT 009 032 ED 032 416
The Status of Current Research in the California Youth Authority. Annual Report.

California State Human Relations Agency. Sacramento. Dept. of the Youth Authority
EDRS PRICE MF-$0.50 HC-$4.20
Pub Date - Jul69 82p.

*RESEARCH REVIEWS (PUBLICATIONS); YOUTH PROBLEMS; OPERATIONS RESEARCH; *CORRECTIONAL EDUCATION; *DELINQUENT REHABILITATION; FEDERAL PROGRAMS; *STATE PROGRAMS; ANNUAL REPORTS; *RESEARCH PROJECTS; DELINQUENCY CAUSES; DELINQUENCY PREVENTION; RESEARCH UTILIZATION; INFORMATION DISSEMINATION; PROGRAM EVALUATION; RESIDENTIAL PROGRAMS; VOCATIONAL REHABILITATION; DEMONSTRATION PROJECTS; INFORMATION SYSTEMS; PROGRAM DESCRIPTIONS; ACTION RESEARCH
CALIFORNIA

This annual report of the California Youth Authority (CYA) Research Program described 28 projects focusing on the causes, treatment, and control of delinquent behavior. Eight of the projects received grant support through federal aid, including: (1) The Community Treatment Project, a comparative assessment of institutional and community treatment for comparable groups of youth authority wards, (2) The Group Home Project, studying differential treatment environments for delinquents, and (3) The Northern Youth Center Research Project, concerned with differential treatment of delinquents in institutions. The remaining 20 projects received state financial support among them: (1) Assessment of the Community Parole Center Project, (2) Camp Impact Study, (3) Classification of Youth Authority Wards by Probability of Parole Violation, and (4) Movement and Characteristics of CYA Wards. (CH)

VT 009 244 ED 033 211
Ferman, Louis A.
Operation Retrieval. Disadvantaged Youth: Problems of Job Placement, Job Creation, and Job Development.

Michigan Univ., Ann Arbor. Inst. of Labor and Industrial Relations
Manpower Administration (DOL), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$3.60
Institute of Labor and Industrial Relations, University of Michigan - Wayne State University, P.O. Box 1567, Ann Arbor, Michigan 48106 ($2.00).
Pub Date - Dec67 70p.

*DISADVANTAGED YOUTH; *JOB PLACEMENT; *JOB DEVELOPMENT; *YOUTH EMPLOYMENT; *PROJECTS; GUIDELINES; EVALUATION
MANPOWER DEVELOPMENT AND TRAINING ACT; MDTA; *OPERATION RETRIEVAL

Operation Retrieval is a research project designed by the Department of Labor to review and assess the experiences of 55 experimental and demonstration projects for disadvantaged youth conducted during the period 1963-65, and to assess the impact of strategies in job placement, job creation, and job development. Job placement and development units are discussed in terms of their relationship to other project components, the structure of the staff, and the location of the job placement unit. Methods used to obtain jobs for disadvantaged youth include: (1) applying traditional techniques, (2) developing new jobs, (3) working with employers to modify job requirements, and (4) developing youth potential to meet employer standards. Five types of problems and possible approaches to job placement are: educational deficiencies, arrest records, and physical, emotional, and resource problems. Follow-up is discussed in connection with supportive services and employment experiences. Recommendations relate to retrieval and use of information, research, inter-agency relations, and follow-up activities. (JK)

VT 009 352 ED 033 217
Judson, Julia, Ed.
Home Economics Research Abstracts 1963-1968; Rehabilitation.

American Home Economics Association, Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.35
American Home Economics Association, 1600 Twentieth Street, N.W., Washington, D.C. 20009 ($1.00).
Pub Date - 69 25p.; Prepared for the Second Interdisciplinary Workshop on Future Directions for Home Economics in Rehabilitation.

*ANNOTATED BIBLIOGRAPHIES; *HOME ECONOMICS; *REHABILITATION; *MASTERS THESES; *DOCTORAL THESES; PHYSICALLY HANDICAPPED; MENTALLY HANDICAPPED; EMOTIONALLY DISTURBED; PERIODICALS; SOCIALLY DISADVANTAGED; ECONOMICALLY DISADVANTAGED

This bibliography is composed of 35 abstracts of master's theses and doctoral dissertations ranging in date from 1963 through 1968, and 26 citations selected from the Journal of Home Economics ranging in date from 1965 through 1968. The abstracts and citations relate to aspects of rehabilitation or habilitation and indicate the extent to which home economists are contributing to this field. Listings are arranged alphabetically according to author within three categories: (1) research funded by the Rehabilitation Services Administration, Social and Rehabilitation Service, (2) selections from "Home Economics Research Abstracts 1966 and 1967," and (3) selections from the "Journal of Home Economics." The bibliography includes an author index. (CH)

VT 009 526 ED 033 234
Technical Training for the Disadvantaged.

National Alliance of Businessmen
Office of Manpower Policy, Evaluation, and Research (DOL), Washington, D.C. Div. of Program Utilization
EDRS PRICE MF-$0.25 HC-$2.00
Division of Program Utilization, Office of Policy, Evaluation, and Research, Manpower Administration, U.S. Department of Labor, Washington, D.C. 20210.
Pub Date - Aug69 38p.; Proceedings of a Workshop (Oak Ridge, Tenn., June 4-5, 1969).

VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; BUSINESS RESPONSIBILITY; SCHOOL INDUSTRY RELATIONSHIP; *PROGRAM DEVELOPMENT; *ECONOMICALLY DISADVANTAGED; UNEMPLOYMENT; *CONFERENCE REPORTS; *FEDERAL PROGRAMS
TRAINING AND TECHNOLOGY; TAT; NATIONAL ALLIANCE FOR BUSINESS; NAB; *THE OAK RIDGE CONFERENCE ON TECHNICAL TRAINING FOR THE DISADVANTAGED, OAK RIDGE, TENNESSEE, AUGUST, 1969

Sixty-five representatives of business, federal and state government, and education participated in the conference designed to present the Training and Technology (TAT) Project at the U.S. Atomic Energy Commission's Oak Ridge, Tennessee Y-12 plant as a model from which potential contracters might gain insight into the processes of formulating proposals for similar projects and managing resultant contracts. Speeches presented in this report include: "Union Carbide and TAT" by Clarence E. Larson, "Training the Disadvantaged, Using All Our Resources" by Charles Odell, "Program Conception From 'The Gleam in the Eye'" by Wendell H. Russell, "Redirection of Company Resources" by J. Leo Waters, and "Production and Quality Control in Training" by William R. Ramsay. The digest of three workshop sessions is in the form of questions and answers. (JK)

VT 010 393
Miller, Larry R., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 7, 1969).

American Vocational Association, Washington, D.C. Industrial Arts Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 46p.

*INDUSTRIAL ARTS; CONFERENCES; *SPEECHES; *PROGRAM DESCRIPTIONS; CURRICULUM DEVELOPMENT; *HANDICAPPED STUDENTS; *EXCEPTIONAL (ATYPICAL); INNER CITY; EDUCATIONALLY DISADVANTAGED
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

A group of addresses given at the 63rd Annual Vocational Convention, Industrial Arts Education Division of the American Vocational Association, are grouped in this document. They include: (1) "Basic Mechanics: An Approach to Industrial Education for the Disadvantaged Inter-City Youth" by L.R. Miller, (2) "Making Industrial Arts Relevant for the Culturally Disadvantaged Youth" by T.U. Meirs, (3) "Industrial Arts Can Meet the Needs of the Academically Talented Lexington High School Student" by L.V. Gittzus, (4) "Providing for the Needs of Gifted Students in Mechanical Drawing" by D.V. Gearan, (5) "The World of Construction Meeting the Needs of the Culturally Disadvantaged Youth" by S.A. Tillman IV, (6) "Innovative Federal and State Funded Industrial Arts Programs" by H. Krane, and (7) "Innovative Industrial Arts Programs for the Orthopedically Handicapped and Mentally Retarded Students in New York City Schools" by E. Haug. (CH)

PHILOSOPHY
AND OBJECTIVES
SECTION

VT 001 614
Industrial Arts in the Baltimore Public Schools.

Baltimore City Public Schools, Md.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Sep66 28p.

*INDUSTRIAL ARTS; *JUNIOR HIGH SCHOOLS; *HIGH SCHOOLS; *CURRICULUM; *EDUCATIONAL OBJECTIVES; INSTRUCTIONAL PROGRAM DIVISIONS; PROGRAM DESCRIPTIONS; PROGRAM IMPROVEMENT
BALTIMORE CITY PUBLIC SCHOOLS; MARYLAND

Industrial Arts is offered in each junior high school in grades 7, 8, and 9. It is required in grade 7 and elective in grades 8 and 9. In the senior high schools it is an elective subject except in the General Technical Curriculum which is designed for Basic Students. The junior high schools have unit or general shops in which traditional subjects are taught. The senior high school programs include traditional subjects and technical subjects such as: (1) Engineering Estimating, (2) Industrial Organization, (3) Materials of Construction, (4) Mechanics (statics and kinetics) and (5) Thermodynamics. The Report Committee recommended: (1) the single period plan be continued in the junior high schools, (2) industrial arts be required in grades 7 through 9 for boys, (3) industrial arts objectives relating to general education, vocational exploration, and development of student interests and skills were sufficient for the program, (4) schedule changes should be made only at semester juncture, (5) all industrial arts students receive five periods of instruction per week, and (6) the sequence of courses should be based on the maturity and muscular coordination of students. A suggested curriculum organization is given. (EM)

VT 002 874
Report of the Annual Conference on Industrial Education (27th, Monterey, California, March 9-11, 1965).

California State Dept. of Education, Sacramento

MF AVAILABLE IN VT-ERIC SET.
Pub Date - 65 121p.

*CONFERENCE REPORTS; *INDUSTRIAL EDUCATION; ANNUAL REPORTS; *EDUCATIONAL PHILOSOPHY; *EDUCATIONAL OBJECTIVES
ANNUAL CONFERENCE ON INDUSTRIAL EDUCATION, MONTEREY, CALIFORNIA, MARCH 9-11, 1965

A total of 241 persons from California schools and colleges participated in the conference, with the theme "Education's Leading Edge." Proceedings include: (1) the keynote address, by Kimball Wiles, (2) highlights of six group discussions of Dr. Wiles speech, (3) "Industrial Arts and Technical Electronics," a program description by Nicholas Saba, (4) "Transition-Perils and Promise," by Wesley Smith, (5) "Looking Ahead--Curriculum Development and the Instruction Process," by J. Graham Sullivan, (6) "Trade and Technical Education--Program Evaluation," a panel discussion, (7) "Articulation--High School, Junior College, Adult Education," by Robert Swenson, (8) "Work Experience and Diversified Occupations," by Rod Clendenen and Billy Allgood, (9) "Relations of Public Education and Other Government Sponsored Programs," a panel discussion, (10) "Industrial Arts and Technology--A New Industrial Arts for a New Culture," by Delmar Olson, (11) "The Interdependence of Business and Education," a speech by Dwayne Orton, and (12) "Looking Ahead--New Challenges in Tomorrow's Society," a speech by Arthur Corey. (EM)

VT 008 556 ED 032 396
Venn, Grant
The Dynamics of Technology and Society: No Compromise with Ignorance.

Office of Education (DHEW), Washington, D.C. Bureau of Adult, Vocational and Library Programs.
EDRS PRICE MF-$0.25 HC-$1.25
Pub Date - Feb69 23p.; Address presented at American Association of Junior Colleges (E. Lansing, February 21, 1969).

*TECHNICAL EDUCATION; *TECHNOLOGY; *SOCIAL CHANGE; *POST SECONDARY EDUCATION; *EDUCATIONAL NEEDS; EDUCATIONAL INNOVATION; CHANGING ATTITUDES; JUNIOR COLLEGES; COMMUNITY COLLEGES; VOCATIONAL EDUCATION; FEDERAL LAWS; SPEECHES; CONFERENCES
*AMERICAN ASSOCIATION OF JUNIOR COLLEGES, EAST LANSING, MICHIGAN, February 21, 1969; PUBLIC LAW-90-576; VOCATIONAL EDUCATION AMENDMENTS OF 1968

Technology is applied, organized knowledge which causes the miracles we daily take for granted. The rapid development and application of technology is illustrated by accelerated rate of change. The educational system has been based on a concept of stability, and the present generation is the first which must educate youth for the new dimension of time and change. There is less and less opportunity for the uninformed and untrained worker. More and more specialized education must be provided. The shortage of specialized technicians and supportive workers and the evident supply of educable persons represents an unprecedented challenge to junior and community colleges. Individualized programs, often including remedial studies, relating to each student's field of interest must be provided. Graduates of such programs may then achieve a level in the work force in 3 to 5 years that would normally take 12 to 15 years by past standards. New legislation dealing with occupational education provides funds for developing new programs, improving program relevancy, long-range planning, meeting needs of special-needs groups, exemplary programs, residential schools, work-experience programs, development and dissemination of curriculum materials, studies of manpower needs, and vocational educator professional development. (DM)

VT 008 643
Peterson, Milo J.
Agricultural Education: Some Issues and Some Reactions.

MF AVAILABLE IN VT-ERIC SET.
Interstate Printers and Publishers, Inc., 19-27 North Jackson Street, Danville, Illinois 61832.
Pub Date - 68 19p.; Speech presented at the American Association of Teacher Educators in Agriculture American Vocational Association Convention (Dallas, Texas, 1968).

*AGRICULTURAL EDUCATION; *EDUCATIONAL PROBLEMS; *SPEECHES; FINANCIAL SUPPORT; EDUCATIONAL PRACTICE; PROGRAM ADMINISTRATION; PROGRAM DEVELOPMENT; PROGRAM EVALUATION; *EDUCATIONAL PHILOSOPHY; SCHOOL COMMUNITY PROGRAMS
*AMERICAN VOCATIONAL ASSOCIATION CONVENTION, DALLAS, TEXAS, 1968

A single program of agricultural education cannot be described which would fit the needs of communities across the nation; however, administrators and those in the federal bureaucracy must recognize their responsibility for preserving, or creating and supporting, environments in which teaching and learning can be maximized. Decision making should be shared at local, state, and federal levels. Current trends reflect greater financial support and control at the federal level. Agricultural educators must involve themselves in an attempt to shape programs. Areas of needed program development are training of agricultural entrepreneurs, education for wage-earning occupations, and retention and strengthening of service area specialists in program administration and supervision. Program evaluation at all levels should consider the unique contribution of each vocational service area. Vocational agriculture must continue to accept responsibility for serving all people without discrimination. (DM)

VT 008 680
Vocational And Technical Education in Virginia.

Virginia State Dept. of Education, Richmond. Div. of Vocational Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Aug64 32p.

*VOCATIONAL EDUCATION; *STATE PROGRAMS; *EDUCATIONAL PROGRAMS; *SECONDARY EDUCATION; *PUBLIC SCHOOL ADULT EDUCATION
VIRGINIA

This publication was prepared to provide information about vocational education and its scope and development as a vital part of public education in Virginia. In addition to the regular vocational service areas, information is provided on area vocational technical schools and on manpower training services. In Virginia high schools, vocational courses are included as elective subjects, thus making it possible for pupils to take vocational offerings appropriate to their abilities and needs. The nature and composition of Virginia's labor force are changing; for example, a large majority of new workers under 25 and many women are entering the labor force. Automation and the advent of complex machines have created many new types of employment and have brought about the need for more technicians. In addition, skilled craftsmen and workers in many vital occupations must be trained through area vocational-technical schools and expanded adult programs. (CH)

VT 009 245 ED 033 212
Bakke, E. Wight
The Mission of Manpower Policy. Studies in Employment and Unemployment.

Upjohn (W.E.) Inst. for Employment Research, Kalamazoo, Mich.
EDRS PRICE MF-$0.75 HC-$6.85
W.E. Upjohn Institute, 1101 Seventeenth Street, N.W., Washington, D.C. 20036 (no charge for single copies).
Pub Date - Apr69 135p.

*MANPOWER DEVELOPMENT; *POLICY FORMATION; *HISTORICAL REVIEWS; *PROGRAM EVALUATION; *FOREIGN COUNTRIES; ECONOMICALLY DISADVANTAGED; FEDERAL PROGRAMS; OBJECTIVES; PUBLIC POLICY
UNITED STATES; ENGLAND; THE NETHERLANDS; SWEDEN

The rationale for present manpower programs and its utility for future manpower policy are discussed. The approach focuses attention on such questions as the following: Does the present de facto meaning of manpower policy, which is implicit in what is now being attempted in the so-called "manpower programs," exhaust the potential operational meaning of that policy? Is there a more comprehensive and basic meaning which can govern the current and future development of programs, a development which is oriented toward the nation's total manpower problem, of which that concerning the disadvantaged is only a part? Indeed, is concentration on the meaning of manpower policy implicit in the present programs inhibiting the realization of that more comprehensive and basic concept of manpower policy which could give direction to government action in this area? These problems are related to the maintenance of resources (both supply and demand) and the processes of a system of particularized employment, which is the foundation not only for the economic and social well being of all workers, but also for the economic and socialist ability and progress of the nation. (AUTHOR/CH)

VT 010 110
Householder, Daniel L.
Industrial Arts Research: History, Philosophy, Objectives Media, and Method 1966-1968.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - 7Dec69 11p.; Presentation given at Annual Vocational Convention (63rd, Boston, Mass., Dec 7, 1969).

*SPEECHES; BIBLIOGRAPHIES; *INDUSTRIAL ARTS; *RESEARCH REVIEWS (PUBLICATIONS); PHILOSOPHY; OBJECTIVES; MASS MEDIA; TEACHING METHODS
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This paper is a summary of those aspects of the second edition of "Review and Synthesis of Research in Industrial Arts Education" which dealt with the history, philosophy, and objectives of industrial arts and with the instructional media and methods of research. Doctoral dissertations, journal articles, reports of funded research, and staff studies which were included in the ERIC system were reviewed for inclusion. A number of noteworthy studies dealing with value-laden questions appeared during the 3-year period. These are: (1) historical works published by Barlow, Luetkemeyer, and Sredl, (2) philosophical studies published by Kagy, Svendsen, Miller, Pratzner, and others, (3) studies about specific objectives of industrial arts, and (4) research on methods of teaching. Other areas where studies exist are: (1) programed instruction, (2) use of various combinations of television, films, filmstrips and slides, (3) instructional systems, (4) studies dealing with creativity, and (5) manipulative performance studies. Researchers are encouraged to move toward a goal of providing sound, empirically based guidelines for the selection of optimum teaching procedures for specific learning situations. The research review is available as ED 034 898 (Research in Education, April 1970) or VT 010 109, to appear in a subsequent issue of ARM. A related document is VT 010 111, in this issue. (GR)

VT 010 302
Martin, W. Howard
Agricultural Education: Image and Substance.

DOCUMENT NOT AVAILABLE FROM EDRS.
Interstate Printers and Publishers, Inc., 19-27 North Jackson Street, Danville, Illinois 61832.
Pub Date - 69 15p.; Speech presented at the American Association of Teacher Educators in Agriculture, American Vocational Association Convention (Boston, Mass., 1969).

*AGRICULTURAL EDUCATION; *SPEECHES; *TEACHER EDUCATORS; *OBJECTIVES; *RELEVANCE (EDUCATION); ASPIRATION; REALISM; ORGANIZATION; ENVIRONMENT; NATURAL RESOURCES; MARKETING; AGRICULTURAL PRODUCTION; RESEARCH SERVICES; EXPERIENCE
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

The initial mission of agricultural production in the United States has been temporarily achieved. Strategies for change must involve consideration of image, substance, and structure. Image may be equated with ideology, and the treatment of image primarily limited to stated or implied goals. Generally recognized goals for persons with agricultural interests and talents are: agricultural production and marketing, natural resource management, environmental development, and agricultural research and service. These goals may serve as parameters within which state and local communities may develop programs. Substance is not necessarily completely different from image. The social concerns and knowledge explosion are forcing a revision in ways or organizing traditional subject areas which in essence means that new substance is being created. There is a need for substitute programs in which the idealism of youth can be enlisted. Change in structure may be needed but without sound basis in image and substance it may be of little value. Teacher educators in agriculture, in building an ideology, should portray the concept of "building a cathedral," not merely laying bricks. The American Association of Teacher Educators in Agriculture should establish a commission to study goals for agricultural education and report to the 1970 session of the American Vocational Association Convention. (DM)

RESEARCH DESIGN, DEVELOPMENT AND UTILIZATION SECTION

VT 001 841 ED 031 550
Mountain States Regional Workshop on Research in Vocational and Technical Education (June 13-24, 1966). Report on Research Training Program.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City
Utah State Univ., Logan
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$7.55 OEG-4-6-062051-1519 24
BR-6-2051

Pub Date - 27Jul66 149p.

CONFERENCE REPORTS; *RESEARCH SKILLS; RESEARCHERS; *VOCATIONAL EDUCATION; *RESEARCH TOOLS; VOCATIONAL EDUCATION TEACHERS; STATE SUPERVISORS; *INSTITUTES (TRAINING PROGRAMS); INFORMATION DISSEMINATION; RESEARCH DESIGN; INTERDISCIPLINARY APPROACH; EDUCATIONAL RESEARCH; QUESTIONNAIRES; PARTICIPANT SATISFACTION; PROGRAM EVALUATION; SPEECHES; STATISTICAL ANALYSIS; *RESEARCH PROBLEMS
*MOUNTAIN STATES REGIONAL WORKSHOP ON RESEARCH IN VOCATIONAL AND TECHNICAL EDUCATION, LOGAN, UTAH, JUNE 13-24, 1966

The purpose of the workshop was to involve 30 vocational and technical teachers, supervisors, and administrators from eight states in activities to stimulate and enhance research activities. Presentations and handouts included: (1) "Vocational Education in the Decade Ahead--With Research Implications" by Ray E. Jongeward, (2) "Guidelines for the Division of Adult and Vocational Research," (3) "Economic Issues in the Planning of Vocational and Technical Education" by Robert Campbell, (4) "Resource Materials for Use in Vocational and Technical Education Research," by Kent Wood, (5) "Sampling Methods" by Donald V. Sisson, (6) "Social Dynamite in Our Large Cities" by James B. Conant, (7) "Writing the Research Report," (8) "Educational Research Information Center" by Sandra Noall, (9) "Implementing Research Findings" by Austin G. Loveless, and (10) Stimulating Staff to do Research in Vocational and Technical Education. Also included is the evaluation form completed by the participants. (EM)

VT 003 615
Health Services Research Centers. Purposes and Organization.

Public Health Service (DHEW), Washington, D.C. Office of Research and Development
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Aug67 12p.

*FEDERAL PROGRAMS; *RESEARCH AND DEVELOPMENT CENTERS; *HEALTH SERVICES; HEALTH FACILITIES; PROGRAM DESCRIPTIONS; GRANTS; *ADMINISTRATIVE POLICY
*HEALTH SERVICES RESEARCH CENTERS

To assist new research and development efforts addressed to (1) planning and administering large scale health programs, (2) improving procedures and regimens for patient care, (3) designing and utilizing health service facilities, (4) analyzing costs and benefits of services, and (5) utilizing services under varying urban and rural conditions, the Bureau of Health Services is offering financial support to a limited number of Health Services Research Centers. Centers will be based in, or involve, a medical or health service institution already engaged in extensive patient care or health service operations. Applications will be considered under the general procedures of the Public Health Service extramural research grant program and proposals will be reviewed for scientific merit by an appropriate study section and for program relevance by the National Advisory Health Services Council and/or the Federal Hospital Council. (JK)

VT 006 382 ED 029 948
Hollister, Robinson
A Technical Evaluation of the First Stage of the Mediterranean Regional Project.

Organisation for Economic Cooperation and Development, Paris (France)
EDRS PRICE MF-$0.75 HC-$9.00
OECD Publication Center, Suite 1305, 1750 Pennsylvania Avenue, Washington, D.C. 20006 ($2.50).
Pub Date - 67 178p.

*RESEARCH METHODOLOGY; *EVALUATION TECHNIQUES; *OCCUPATIONAL INFORMATION; *EDUCATIONAL NEEDS; *MANPOWER NEEDS; OCCUPATIONAL CLUSTERS; EMPLOYMENT PROJECTIONS; EMPLOYMENT POTENTIAL; OCCUPATIONAL SURVEYS; VOCATIONAL EDUCATION; COMPARATIVE ANALYSIS; EDUCATIONAL PLANNING; FOREIGN COUNTRIES; RESEARCH DESIGN
MEDITERRANEAN REGIONAL PROJECT; MRP

Objectives of this technical evaluation concerning the transfer of experience in the development of human resources were to develop educational plans based upon comprehensive estimates of manpower requirements and to evaluate the methods used in estimating manpower requirements for educational planning. The methodology involved estimates of the total output of the economy, sectorial output, inverse sectorial labor productivity, total occupational distribution, education associated with the occupation, total educational stock, increment of manpower by education, and the total graduate flow. Some findings were: (1) The impact of manpower requirements upon the educational system is likely to be very significant, (2) Uncertainty about productivity change is largely transformed into uncertainty about the occupational structure, (3) Substitution possibilities exist and can be important in their effects on manpower requirements estimates, (4) Improved efficiency was not obtained by disaggregation of data used in manpower requirements estimation, and (5) There is little knowledge about the education associated with each occupation. Tables of data and descriptions of the methodology employed are appended. (DM)

VT 006 812 ED 030 709
Klaassen, Leo H.
Methods of Selecting Industries for Depressed Areas--An Introduction to Feasibility Studies. Developing Job Opportunities 2.

Organisation for Economic Co-Operation and Development, Paris (France)
EDRS PRICE MF-$0.75 HC-$7.50
OECD Publication Center, Suite 1305, 1750 Pennsylvania Avenue, Washington, D.C. 20006 ($4.50).
Pub Date - 67 148p.

*DEPRESSED AREAS (GEOGRAPHIC); *METHODS; *SITE SELECTION; INDUSTRY; *FEASIBILITY STUDIES; ECONOMIC DEVELOPMENT; *INDUSTRIALIZATION; INDUSTRIAL STRUCTURE; ECONOMIC RESEARCH; INPUT OUTPUT ANALYSIS

This report presents several alternative methods which may be employed by local authorities in identifying likely prospects for local industrialization, and describes a specialized input-output technique to define inter-industry relations and inter-regional relations of industries. This technique is applied, for illustrative purposes, to three labor-oriented growth industries (electronics, optical, and glass) in the United States. One purpose of the technique is to provide a critical central system of analysis, after which the detailed factors might be reviewed if the particular industry is considered a candidate for location. Appendixes include formulas for the Cobb-Douglas function and the share of labor, analysis of inter-industry relationships, determination of relevant regions, and a checklist for site selection. (EM)

VT 007 450 ED 024 817
Continuation of the State Occupational Research Unit. Interim Report.

Idaho Univ., Moscow. Coll. of Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.40 OEG-4-7-063014-1590 08
BR-6-3014
Pub Date - Oct68 46p.

*VOCATIONAL EDUCATION; *EDUCATIONAL RESEARCH; *RESEARCH COORDINATING UNITS; OBJECTIVES; *RESEARCH NEEDS; *PROGRAM DESCRIPTIONS; RESEARCH PROJECTS; STAFF UTILIZATION; AGENCY ROLE
IDAHO

The Idaho State Occupational Unit completed a total life of 3 years and 4 months as of September 30, 1968. This document views past accomplishments, and looks to the future role and function of the Unit as it enters a new 5-year continuation. The function and role of the Unit has been built around four major purposes and objectives: (1) conduct research, (2) coordinate research, (3) stimulate new research, and (4) provide consulting services. The Unit has conducted several research projects either individually or in cooperation with other organizations and agencies. There were 19 projects either completed or in progress at the close of this period. A total of 15 research publications have been issued. A shortage of research manpower was noted as a major and continuing problem. There will be a change to research oriented toward theoretical concepts rather than answering specific questions related to local education needs. (MM)

VT 007 451 ED 024 818
Barker, Richard L.
The New Hampshire Research Coordinating Unit for Vocational and Technical Education. First Year Final Report.

EDRS PRICE MF-$0.25 HC-$1.10 OEG-1-6-062739-2137 08
BR-6-2739
Pub Date - 31Oct68 20p.

*RESEARCH COORDINATING UNITS; *RESEARCH NEEDS; *VOCATIONAL EDUCATION; RESEARCH UTILIZATION; *PROGRAM DESCRIPTIONS; PROGRAM DEVELOPMENT; INFORMATION DISSEMINATION; *RESEARCH PROJECTS
NEW HAMPSHIRE

This document is a report of the New Hampshire Research Coordinating Unit activities from its inception in September 1967 to October 1968. The objectives of the Unit are: (1) to provide leadership in the systematic investigation of problems relating to vocational-technical education, (2) to encourage a positive attitude toward educational research by those involved in vocational-technical education, (3) to provide assistance and guidance to individuals and groups in the initiation and implementation of studies and projects pertinent to occupational education, (4) to assemble, survey, and disseminate data for use in program evaluation and decision making, (5) to cooperate with local, state, regional, and federal groups for the purpose of coordinating research efforts, and (6) to improve research competencies and vitalize human resources. The Unit has subcontracted eight research projects to evaluate existing programs and to provide data needed to develop and expand secondary school occupational education. Seventeen other projects have been undertaken in cooperation with others in the areas of educational research. Dissemination of occupational education information is becoming a major function of the Unit. (MM)

VT 007 452 ED 024 819
Moss, Jerome, Jr.; Nelson, Howard F.
Minnesota Coordination Unit for Research and Development in Occupational Education, 1965-1968. Interim Report.

Minnesota Univ., Minneapolis
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.10 OEC-5-85-120 OEG-3-7-062987-1593 08
BR-6-2987; BR-5-0097
Pub Date - Oct68 20p.

*RESEARCH COORDINATING UNITS; RESEARCH NEEDS; *VOCATIONAL EDUCATION; *PROGRAM DESCRIPTIONS; PROGRAM DEVELOPMENT; ADMINISTRATIVE ORGANIZATION; INFORMATION DISSEMINATION; RESEARCH PROJECTS; PROGRAM EVALUATION
MINNESOTA

This document summarizes the first 3 years (June 1965-September 1968) of the Minnesota Research Coordination Unit's operation. Described are: (1) the factors which influenced the evolution of Unit objectives, (2) the organizational structure, personnel and facilities, (3) the Unit activities which were related to its objectives, (4) a subjective evaluation of the effectiveness of Unit activities, and (5) a bibliography of Unit publications. The objectives of the Unit are to (1) facilitate voluntary coordination, (2) stimulate research, (3) provide technical consultation, (4) offer clearinghouse services, (5) provide training, and (6) engage in the conduct of research and development activities. (MM)

VT 007 622 ED 024 835
Lee, Arthur M.
Arizona Research Coordinating Unit, Second Annual Report.

Arizona Occupational Research Coordinating Unit, Phoenix
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.50 OEG-4-7-063029-1595 08
BR-6-3029
Pub Date - 1Jul68 28p.

*RESEARCH COORDINATING UNITS; *RESEARCH NEEDS; RESEARCH UTILIZATION; *VOCATIONAL EDUCATION; *PROGRAM DESCRIPTIONS; PROGRAM DEVELOPMENT; *ANNUAL REPORTS; STAFF UTILIZATION; RESEARCH PROJECTS; DATA COLLECTION; INFORMATION DISSEMINATION; AGENCY ROLE; EDUCATIONAL RESEARCH
ARIZONA

The Arizona Research Coordinating Unit has concentrated its efforts during the past 18 months on a study of engineering technology which was published in March of 1968. A second major project is a study of vocational-technical education in the state to be used as a basis for future planning. Other activities included assistance with several research projects in junior colleges and high schools, assistance in research design and proposal writing, collection and dissemination of research materials, development of a system of identifying research needs and priorities through a State Coordinating Council, and assisting the

State Department of Vocational Education in setting up and operating an automatic data processing system for student enrollment, follow-ups, and program information. Two new programs will be a system of professional review of selected materials by specialists in the State, and a computerized, cross-indexed catalogue of all materials and titles that are either in the RCU library or available elsewhere on request. (MM)

VT 007 623 ED 024 836
Stevenson, William W.; Frazier, William D.
Continuation of Research Coordinating Unit for Vocational Education in Oklahoma. Interim Report (Dec. 1, 1966-Aug. 31, 1968).

Oklahoma Vocational Research Coordinating Unit, Stillwater
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$2.05 OEG-4-7-063018-159708 08
BR-6-3018
Pub Date - 68 39p.

*EDUCATIONAL RESEARCH; *RESEARCH COORDINATING UNITS; *VOCATIONAL EDUCATION; *INFORMATION DISSEMINATION; *STATE PROGRAMS; RESEARCH PROJECTS; RESEARCH PROPOSALS; EDUCATIONAL RESEARCHERS
OKLAHOMA

Activities of the Oklahoma Vocational Research Coordinating Unit (RCU) are reported for the interim funding period from December 1, 1966 to August 31, 1968. The unit objectives were coordination of research, generation of new ideas, assisting researchers, and dissemination of results. The unit staff and priority problem areas to which they gave special attention are listed. Some major unit activities were: (1) group and individual conferences for coordination of research, (2) submission of 16 proposals for funding and work on 42 projects completed or in progress, (3) 8 in-house studies such as the follow-up study of vocational students and a master plan for determination of area vocational-technical school districts and site locations, (4) dissemination of research findings through information media, newsletters, state meetings, and publication and distribution of 17 reports, (5) training of researchers by working with unit research assistants and small grants principal investigators, (6) attendance at national and regional conferences, and (7) a listing of some planned future activities. (DM)

VT 007 630 ED 024 840
Krogstad, Roland J.; Brill, Donald M.
Departmental Research Center for the State Board of Vocational, Technical and Adult Education. Final Report.

Wisconsin State Board of Vocational Technical and Adult Education, Madison
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.70 OEG-0-8-051216-4628(085) 08
BR-5-1216
Pub Date - Oct68 32p.

*VOCATIONAL EDUCATION; *RESEARCH UTILIZATION; *STATE PROGRAMS; STATE FEDERAL SUPPORT; FEDERAL STATE RELATIONSHIP; RESOURCE CENTERS; EDUCATIONAL RESEARCHERS; *RESEARCH AND DEVELOPMENT CENTERS; *PROGRAM DESCRIPTIONS; RESEARCH PROJECTS; RESEARCH NEEDS
WISCONSIN

The Departmental Research Center (RCU) of the Wisconsin Board of Vocational, Technical and Adult Education was approved to begin January 3, 1966 and continue operation under a contract and an extension to September 30, 1968. The general objectives of the unit were stimulation, coordination, and dissemination of research in vocational and technical education within Wisconsin. Major issues and problems were identified and given priorities for detailed study. These included teacher education and leadership development, the follow-up procedures, organization and administration of newly formed area vocational, technical and adult education districts, present and emerging occupations, information for program planning and development, and long-range planning. Over 300 surveys and projects were completed or commenced operation during the report period. During the final 6 months of operation, field support was accomplished in 15 of the 18 area vocational technical and adult education districts. This organizational structure completes the line of communication and research information dissemination from the federal level through the state down to the district and local school level. (CH)

VT 007 886 ED 029 958
Morton, J.E.
Analytical Potential of the Current Population Survey for Manpower and Employment Research. Studies in Employment and Unemployment.

Upjohn (W.E.) Inst. for Employment Research, Kalamazoo, Mich.
EDRS PRICE MF-$0.50 HC-$3.75
W.E. Upjohn Institute for Employment Research, 1101 Seventeenth Street, N.W., Washington, D.C. 20036 (single copies without charge).
Pub Date - Dec65 73p.

*INFORMATION UTILIZATION; *RESEARCH TOOLS; *DATA ANALYSIS; *EMPLOYMENT; *MANPOWER NEEDS; INFORMATION SOURCES; INFORMATION SYSTEMS; INFORMATION RETRIEVAL; INFORMATION STORAGE; RECORDS (FORMS); DATA PROCESSING; LABOR SUPPLY; JOB MARKET
*CURRENT POPULATION SURVEY; CPS

The primary scope of this publication is to contribute to the promotion of research in the general area of manpower and employment by surveying the supply of statistical data with a view to stimulating and facilitating their analytical use. Since the mass of relevant manpower data in this country is enormous, it was decided to approach the problem in steps and to select the Current Population Survey as the first major data source for examination. To achieve this objective, the present study undertakes to stimulate analytical efforts by considering not only the content of the information, but also the format in which it might be usefully available for analysis; hence the emphasis on preparing the prospective data-consumer for some of the consequences of the enormous size and the increasing volume of relevant information. (CH)

VT 007 889
Bibliography of Research Coordinating Unit Educational Materials.

Wyoming Research Coordination Unit in Vocational-Technical Education, Cheyenne
Office of Education (DHEW), Washington, D.C.
MF AVAILABLE IN VT-ERIC SET. OEG-4-6-062729-2083 08
BR-6-2729
Pub Date - Jan69 114p.

*ANNOTATED BIBLIOGRAPHIES; *EDUCATIONAL RESOURCES; INSTRUCTIONAL MATERIALS; *VOCATIONAL EDUCATION; *RESEARCH COORDINATING UNITS; *LIBRARY COLLECTIONS; LIBRARY CIRCULATION; INFORMATION CENTERS; REFERENCE MATERIALS
WYOMING

The bibliography consists mainly of documents related directly to vocational education and published after 1962. Documents were collected from practically every other state as well as Wyoming, and all are available on a 1-month loan basis in Wyoming. (JK)

VT 008 582 ED 029 982
Holloway, Lewis D.; Kerr, Elizabeth E.
Review and Synthesis of Research in Health Occupations Education. Research Series No. 39.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.95
The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 ($2.75).
Pub Date - May69 97p.

*BIBLIOGRAPHIES; *HEALTH OCCUPATIONS EDUCATION; *RESEARCH REVIEWS (PUBLICATIONS); *LITERATURE REVIEWS; MANPOWER NEEDS; JOB SATISFACTION; CURRICULUM DEVELOPMENT; EDUCATIONAL PROGRAMS; EMPLOYMENT OPPORTUNITIES; LABOR SUPPLY; INSTRUCTIONAL MATERIALS; LEARNING PROCESSES; TEACHING METHODS; STUDENT PERSONNEL SERVICES; EDUCATIONAL FACILITIES; TEACHER EDUCATION; PROGRAM ADMINISTRATION; PROGRAM EVALUATION

Sources of the materials presented are: (1) Educational Resources Information Center (ERIC) publications, (2) Dissertation Abstracts, (3) Masters' Theses in Education, and (4) Nursing Research. In addition, approximately 200 letters were sent to governmental agencies, universities, schools, and professional organizations to locate studies relevant to the review. Materials, most of which were published after 1963, are organized into 13 major sections. Sections and subsections are as follows: (1) Philosophy and Objectives, (2) Manpower Needs and Employment, (3) Curriculum Development, (4) Educational Programs, (5) Instructional Materials and Devices, (6) Learning Processes and Teaching Methods, (7) Student Personnel Services, (8) Facilities and Equipment, (9) Teacher Education, (10) Administration and Supervision, (11) Evaluation, (12) Research, and (13) Other. Among recommendations are: (1) increased federal and state funds for research, (2) in-depth analysis of functions to determine preparation for needed roles, (3) college and university programs to prepare teachers, researchers, and other leaders, (4) effective dissemination of research and other resources, and (5) increased cooperation among vocational education and health oriented agencies and organizations to solve educational problems. (JK)

VT 008 591 ED 029 986
Suess, Alan R.
National Conference on Research in Industrial Arts. Final Report. Leadership Series 20.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$5.90 OEG-3-7-000158-2037 08
BR-7-0158
The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 (no charge).
Pub Date - Apr69 116p.

*CONFERENCE REPORTS; *INDUSTRIAL ARTS; RESEARCH PROBLEMS; *ANNOTATED BIBLIOGRAPHIES; DOCTORAL THESES; RESEARCH; INSTITUTIONAL RESEARCH; MODELS; *RESEARCH NEEDS; *EDUCATIONAL RESEARCH; EDUCATIONAL RESEARCHERS; RESEARCH CRITERIA
*NATIONAL CONFERENCE ON RESEARCH IN INDUSTRIAL ARTS, COLUMBUS, OHIO, OCTOBER 15-17, 1968

The purpose of this 3-day conference was to review relevant completed research in industrial arts and to identify priority research areas. It was attended by 15 teacher educators from universities which offer doctoral programs and three representatives from the Center for Vocational and Technical Education. During the opening day, completed research was reviewed through presentations by individuals. The second day was devoted to the identification of research needs, and on the last day these needs and methods for achieving the research goals were discussed. Included is a three dimensional "Model of a System Analysis for Classification of Research in Industrial Arts" which was developed at the conference, covering inquiry methods, educational processes, and student groups. Content selection, instructional factors, and instructional evaluation emerged as recommended research areas. The appendix includes a discussion and annotated bibliography of staff and nondegree research, an analysis of "Review and Synthesis of Research in Industrial Arts," and an annotated bibliography of 336 doctoral theses from 1955-1968. (EM)

VT 008 602 ED 031 567
Summaries of Studies in Agricultural Education, 1963-1965.

American Vocational Association, Washington, D.C. Committee on Research in Agricultural Education
EDRS PRICE MF-$0.75 HC-$7.30
Interstate Printers and Publishers, Inc., 19-27 North Jackson Street, Danville, Illinois 61832 ($3.00).
Pub Date - 68 144p.

*AGRICULTURAL EDUCATION; *ABSTRACTS; *EDUCATIONAL RESEARCH; *RESEARCH PROJECTS; ANNOTATED BIBLIOGRAPHIES; DOCTORAL THESES; MASTERS THESES; PUBLICATIONS

Abstracts of 151 studies completed in agricultural education during the 1963-65 academic years are included in this annotated bibliography. Criteria used by the research committee of the Agricultural Education Division of the American Vocational Association in selecting studies for publication were: (1) The study contributed significantly to the solution of problems in agricultural education, (2) The study employed an adequate design, used appropriate procedures, and involved sufficient data which were effectively summarized and resulted in justifiable conclusions, (3) The study has been published in a professional journal, is available for loan from a university library, or is available from a state department of education, and (4) The study reported staff research or research submitted as a thesis or dissertation for a graduate degree. Only those studies were included in which inferences were drawn applicable to areas or regions broader than local communities. Each abstract contains a bibliographic entry, the purpose of the study, the method, and findings. Studies are indexed by subject areas. (DM)

VT 008 818 ED 030 748
Ehresman, Norman D.; Peterson, Marlene
Summary of Studies in Vocational and Technical Education in North Dakota, 1960-1969. Research Report No. 15.

North Dakota Univ., Grand Forks. Coll. of Education
North Dakota Center for Research in Vocational and/or Technical Education, Grand Forks
EDRS PRICE MF-$0.25 HC-$1.00
Pub Date - May69 18p.

*EDUCATIONAL RESEARCH; *VOCATIONAL EDUCATION; *BIBLIOGRAPHIES; *RESEARCH PROJECTS; DOCTORAL THESES; MASTERS THESES; RESEARCH COORDINATING UNITS; *INDUSTRIAL ARTS
NORTH DAKOTA

Doctoral dissertations, masters theses, staff studies, and independent studies completed in North Dakota from 1960 to 1969 are included in this bibliographic listing. The number of research publications in each area are: (1) agricultural education, 12, (2) business education, 107, (3) distributive education, 6, (4) home economics, 12, (5) industrial arts, 13, (6) trade and industrial education, 4, and (7) general vocational education, 15. (DM)

VT 008 999
Research, Developmental-Pilot, and Training Projects in the Field of Technical Education.

Office of Education (DHEW), Washington, D.C. Div. of Adult and Vocational Research
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 50p.

*TECHNICAL EDUCATION; *RESEARCH NEEDS; *RESEARCH PROJECTS; *FEDERAL AID; *EDUCATIONAL RESEARCH; POST SECONDARY EDUCATION; RESEARCH REVIEWS (PUBLICATIONS); ABSTRACTS; PROGRAM DESCRIPTIONS; INFORMATION DISSEMINATION; DEVELOPMENTAL PROGRAMS; PILOT PROJECTS; EDUCATIONAL PROGRAMS
VOCATIONAL EDUCATION ACT OF 1963

Problem areas in technical education for which further research and development are needed, and funded projects impacting, either wholly or partially, on 2-year technical education programs at the postsecondary level are identified. A list of research, developmental-pilot, and training projects considered necessary in the field of technical education includes the impact of the changing labor market, appropriate physical facilities, teaching methods and instructional innovations, the impact of changing engineering education at the university level, appropriate curriculums, the continuous updating of instructional staff in technical education, the development of cooperative programs with industry, placement and follow-up of graduates, the appropriate structuring and utilization of advisory committees, and the problem of upgrading employed technicians. Where possible, related funded research projects are identified with each problem area. One-page project summaries for each of 44 federally funded projects impacting on postsecondary technical education programs are attached. (CH)

VT 009 033 ED 031 590
Gordon, Shirley J.
Nursing Research Conference (4th, New York, N.Y., March 4-6, 1968).

American Nurses' Association, New York, N.Y.
Public Health Service (DHEW), Washington, D.C. Div. of Nursing
EDRS PRICE MF-$1.25 HC-$15.40
Pub Date - 68 306p.

*CONFERENCE REPORTS; *NURSING; *RESEARCH; *INFORMATION DISSEMINATION; MENTAL ILLNESS; OLDER ADULTS; PUBLIC HEALTH; MOTHERS; HOSPITALIZED CHILDREN; ROLE PERCEPTION; *RESEARCH PROJECTS; RESEARCH UTILIZATION; PATIENTS; HEALTH SERVICES; MEDICAL SERVICES; RESEARCH DESIGN; RESEARCH METHODOLOGY
*NURSING RESEARCH CONFERENCE, NEW YORK, NEW YORK, MARCH 4-6, 1968

Forty invited participants, six speakers, and 17 representatives of governmental agencies and other national groups attended the conference. Invited participants were selected on the basis of the following criteria: (1) nurses recently or currently engaged in research as principal investigator, co-principal investigator, or collaborator in a multidisciplinary project, and (2) nurse faculty members of graduate programs within which there was a faculty research training and development program or a nurse-scientist training program. Research reports presented in the document include: (1) "Becoming Well: A Study of Role Change" by Betty Jo Hadley, (2) "A Comparison of Crises: Mothers' Early Experiences with Normal and Abnormal First Born Infants" by Alice M. Hosack, (3) "The Care of the Mentally Ill in America, 1604-1812, in the Thirteen Original Colonies" by Dora Blackmon, (4) "Older Patients and Their Care: Interaction with Families and Public Health Nurses" by Mary Adams, (5) "Problems in the Management of Tuberculosis Patients Who Suffer Mental Illness" by Shizuko Y. Fagerhaugh, and (6) "On Thinking Patterns" by Andrea U. Bircher. Each research report is followed by a critique and a summary of general discussion. (JK)

VT 009 155 ED 031 598
Research Visibility, 1968-69. Reports on Selected Research Studies in Vocational, Technical and Practical Arts Education.

American Vocational Association, Washington, D.C.
EDRS PRICE MF-$0.75 HC-$7.45 OEG-2-7-070633 08
BR-7-0633
American Vocational Association, 1510 H Street, N.W., Washington, D.C. 20005 ($1.50).
Pub Date - 69 147p.; Reprinted from The American Vocational Journal.

*RESEARCH REVIEWS (PUBLICATIONS); *EDUCATIONAL RESEARCH; *VOCATIONAL EDUCATION; *BIBLIOGRAPHIES; DISADVANTAGED YOUTH; WOMENS EDUCATION; POST SECONDARY EDUCATION; ADULT VOCATIONAL EDUCATION; OCCUPATIONAL GUIDANCE; ADMINISTRATION; CURRICULUM; EVALUATION; PROFESSIONAL EDUCATION; PROFESSIONAL PERSONNEL; INDEXES (LOCATERS)

Research reviews in this volume are a consolidation of Research Visibility articles which have been regularly published in the American Vocational Journal during the period September 1968 through May 1969. Major topics are: (1) Disadvantaged Youth: Rural Poverty and the Urban Crisis, (2) Vocational Education for Girls and Women, (3) Postsecondary and Adult Education, (4) Human Resources and Vocational Guidance Services, (5) Administrative Problems in Vocational Education, (6) Research in Vocational and Technical Education, (7) The Vocational Education Curriculum, (8) Preparation of Professional Personnel for Vocational Education, and (9) Evaluation and Accreditation. Research reviews in each area are organized by sub-topic. In addition to the research reviews, editorial comment by the author and a bibliography of completed studies and studies in process are included. (DM)

VT 009 360
Four Years of Research, Development, and Training: A Bibliography. DCVER Projects Completed Between July 1, 1964 and June 30, 1968.

Office of Education (DHEW), Washington, D.C. Div. of Comprehensive and Vocational Education Research
EDRS PRICE MF-$0.50 HC-$5.10
Pub Date - 68 100p.

*BIBLIOGRAPHIES; *EDUCATIONAL RESEARCH; *VOCATIONAL EDUCATION; *RESEARCH PROJECTS; *DEVELOPMENTAL PROGRAMS; FINANCIAL SUPPORT; DEMONSTRATION PROJECTS; CURRICULUM DEVELOPMENT; EVALUATION; HEALTH OCCUPATIONS EDUCATION; POST SECONDARY EDUCATION; OCCUPATIONAL CLUSTERS; DISADVANTAGED GROUPS

Citations of final reports of projects funded by the Division of Comprehensive and Vocational Education Research (DCVER) of the U.S. Office of Education are included in this bibliographic listing. Projects completed between July 1, 1964 and June 30, 1968 are grouped in a section titled, "Four Years of Research, Development and Training." Special areas in which projects are cited include: (1) the cluster concept, (2) community colleges and technical institutes, (3) curriculum development, (4) the disadvantaged, (5) evaluation, and (6) health occupations. (DM)

VT 010 111
Suess, Alan R.
Industrial Arts Research: Curriculum, Administration and Supervision, and Teacher Education.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - 7Dec69 11p.; Presentation given at Annual Vocational Convention (63rd, Boston, Mass., Dec. 7, 1969).

*INDUSTRIAL ARTS; *SPEECHES; *RESEARCH REVIEWS (PUBLICATIONS); CURRICULUM; ADMINISTRATION; TEACHER EDUCATION; SUPERVISION; BIBLIOGRAPHIES
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

Studies published between 1966 and 1968 were searched in order to provide a summary of the recent literature which is representative of the strengths and weaknesses of recent research efforts in industrial arts. The most important trend in these studies has been the recent emphasis on the development and evaluation. Other trends are: (1) Research is becoming more sophisticated, (2) Research is moving from a data-collecting to a data-utilizing realm, (3) Research studies are rapidly moving from reportorial collections of numbers and percents to studies that attempt to use the information collected for prediction, and (4) There is increased concern for the development of research competency. A predominance of "one-shot" studies gives rise to serious pessimism about the generalizability of the findings reported in the literature. Moreover, the profession has not developed a pool of research specialists, and the few who do exist are committed to curriculum research, which is only one identifiable area. The research review referred to in this paper is available as ED 034 898 (Research in Education, April 1970) or VT 010 109, to appear in a subsequent issue of ARM. A related document is VT 010 110, in this issue. (GR)

VT 010 305
Paulter, Albert J.; Schaefer, Carl J.
Review and Synthesis of Research in Trade and Industrial Education.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - 7Dec69 13p.; Paper presented at the Annual American Vocational Association Convention (63rd, Boston, Mass., Dec. 7, 1969).

*SPEECHES; *TRADE AND INDUSTRIAL EDUCATION; *RESEARCH REVIEWS (PUBLICATIONS); *SYNTHESIS; MANPOWER NEEDS; EMPLOYMENT OPPORTUNITIES; CURRICULUM DEVELOPMENT; EDUCATIONAL PROGRAMS; INSTRUCTIONAL MATERIALS; LEARNING PROCESSES; STUDENT PERSONNEL SERVICES; EDUCATIONAL ADMINISTRATION; SUPERVISION; EDUCATIONAL FACILITIES; TEACHER EDUCATION; EVALUATION
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This speech is based on "Review and Synthesis of Research in Trade and Industrial Education," which is primarily concerned with findings and research conducted from August 1966 to April 1969. It provides an overview of the research reports included in that document, grouped in the following areas: (1) Manpower Needs and Employment Opportunities, (2) Curriculum Development, (3) Educational Programs, (4) Instructional Materials and Devices, (5) Learning Processes and Teaching Methods, (6) Student Personnel Services, (7) Facilities and Equipment, (8) Administration and Supervision, (9) Teacher Education, and (10) Evaluation. The review and synthesis is available as VT 010 304 appearing in Research in Education, May 1970. (GR)

VT 010 307
Phillips, Donald S.; Briggs, Lloyd D.
Research in Technical Education.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - 6Dec69 12p.; Paper presented at the Annual American Vocational Association Convention (63rd, Boston, Mass., Dec. 6, 1969)

*VOCATIONAL EDUCATION; *SPEECHES; *TECHNICAL EDUCATION; *EDUCATIONAL RESEARCH; MANPOWER NEEDS; EDUCATIONAL PROGRAMS; CURRICULUM DEVELOPMENT; STUDENT PERSONNEL SERVICES; EVALUATION; EDUCATIONAL ADMINISTRATION; TEACHER EDUCATION; LEARNING PROCESSES; TEACHING METHODS; EDUCATIONAL FACILITIES; *RESEARCH REVIEWS (PUBLICATIONS); SYNTHESIS
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This speech, based on "Review and Synthesis of Research in Technical Education" for the year of 1966-1968 provides an overview of the research studies chosen for that publication, grouped according to the following outline: philosophy, manpower needs, educational programs, curriculum, student personnel services, evaluation, administration and supervision, teacher education, learning processes and teaching methods, instructional materials and devices, facilities, and research. The complete document is available as VT 010 306 appearing in Research in Education, May 1970. (GR)

VT 010 392
Ketcham, G. Wesley, And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 6-7, 1969).

American Vocational Association, Washington, D.C. Industrial Arts Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 40p.

*INDUSTRIAL ARTS; *CONFERENCES; *SPEECHES; *EDUCATIONAL RESEARCH; SYNTHESIS; LITERATURE REVIEWS
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

Three addresses given at the 63rd Annual Vocational Convention, Industrial Arts Education Division of the American Vocational Association, are grouped in this document. They include: (1) "Educational Considerations in Making Industrial Arts Relevant" by G.W. Ketcham, (2) "Industrial Arts Research: Curriculum, Administration and Supervision, and Teacher Education" by A.R. Suess, (3) "Industrial Arts Research: History, Philosophy, Objectives, Media, and Methods 1966-1968" by D.L. Householder, and (4) "National Association of Industrial and Technical Teacher Educators, Research Committee Report," by C.J. Cotrell, Chairman. (DM)

VT 010 413
Kraft, Richard H.P., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 9, 1969).

American Vocational Association, Washington, D.C. Research Section
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 9Dec69 54p.

*EVALUATION CRITERIA; *SPEECHES; *VOCATIONAL EDUCATION; *EDUCATIONAL RESEARCH; *CONFERENCES
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This document is comprised of four speeches presented at the 63rd Annual Convention of the American Vocational Association. Dr. Richard Kraft spoke on "Cost-Effectiveness Analysis of Vocational-Technical Education Programs," as related to the Florida public school system. Four members of the Department of Vocational Education at Pennsylvania State University (Impellitteri, Kapes, Sievent and Wiersteiner) conducted a cooperative study on the "Factors Related to the Occupational Values and Vocational Maturity of a Selected Sample of Ninth Graders." Frank C. Pratzner gave a speech on "Discriminating Between the Technical Associative Conceptual Structure of Workmen Within and Between Occupations" and Paul G. Larkin and John B. Teeple of the National Planning Association presented a speech on "National Goal Research and Occupational Education: Planning Implications for Community Colleges and Technical Institutes." (BC)

VT 010 414
Evans, Robert, And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 10, 1969).

American Vocational Association, Washington, D.C. Research Section
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 10Dec69 81p.

*SPEECHES; *CONFERENCES; *VOCATIONAL EDUCATION; *EDUCATIONAL RESEARCH
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This document contains six speeches presented at the 63rd Annual Convention of the American Vocational Association on December 10, 1969. "The Development and Utilization of Search: A Computerized System for Retrieving Publications in the ERIC Files" was presented in three parts by Mr. Robert Evans, Dr. William Brown, Jr., and Dr. Vester Mullholland. A progress report on "Project ABLE" (development and evaluation of an experimental curriculum for the New Quincy Massachusetts Vocational-Technical School) was given by J. William Ullery, project director. A third speech by David H. Ahl concerned the "V.O.E.D. System: A Computerized System for Obtaining, Analyzing and Reporting Vocational and Occupational Education Data to the Pennsylvania Department of Education." Other speeches were "Industrial Arts Curriculum Project: A Progress Report" by Henry J. Sredl, "Project Dissemination: A Computer Based Information Storage and Retrieval System" by B. Smith, D. Wheeler, and R. Rosse, and "A Pilot Program for the Development of State Vocational-Technical Education Information Dissemination Systems," by Joel H. Magisos. (BC)

VT 010 416
Schaefer, Carl J., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 6, 7, 8, 1969).

American Vocational Association, Washington, D.C. Research Section
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 128p.

*CONFERENCES; *VOCATIONAL EDUCATION; *SPEECHES; *RESEARCH
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

The following speeches were presented to the research division of the 63rd Convention of the American Vocational Association in December 1969: (1) "A Plan for Occupational Education in Massachusetts," by Carl J. Schaefer and Jacob J. Kaufman, (2) "Project Mini-Score: An Interim Report 1966-69" by David J. Pucel and Howard F. Nelson, (3) "What Research Has to Say On: Organization and Administration of Vocational and Technical Education" by Ralph C. Wenrich, (4) "Review and Synthesis of Research on Placement and Follow-Up of Vocational Education Students" by Richard W. Whinfield, (5) "Manpower Research--Its Relation to Vocational Education" Howard Rosen, (6) "Project Improve: the Development of a State-Operated Evaluation System," by Jerome Moss and others, and (7) "Three Aspects of Evaluation Methodology" by Ying E. Chuang; and "Program Evaluation and Research Designs" by Gordon Welty. (BC)

STUDENTS, OCCUPATIONAL GUIDANCE AND OTHER STUDENT PERSONNEL SERVICES SECTION

VT 000 816
Impellitteri, Joseph T.
Computer Assisted Occupational Guidance.

Pennsylvania State Dept. of Public Instruction, Harrisburg
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Jul66 18p.

*OCCUPATIONAL GUIDANCE; GRADE 9; *OCCUPATIONAL INFORMATION; *PROGRAM DESCRIPTIONS; *PROGRAM DEVELOPMENT COMPUTER ORIENTED PROGRAMS; INFORMATION SYSTEMS; AUTOINSTRUCTIONAL METHODS

The purpose of this study was to develop and evaluate a system of presenting occupational information to ninth grade pupils, utilizing the computer-assisted instruction facility currently in operation at the Pennsylvania State University. The purpose of the system is to provide a model with more extensive, extremely flexible, and easily updated information-giving functions. Unique features of the system include the selective presentation of occupational information and the matter of presentation of materials. Materials will be typed out at the console where the student is to be seated and also on sound recordings and slide projections, all of which are integrated under the computer control. The selection of the materials to be presented to the individual student will be based on that student's General Aptitude Test Battery profile which is to be stored in the computer memory. The computer based occupational information system is designed to be a powerful tool of the school counselor in the vocational guidance process. (CH)

VT 001 368
Follow-Up Study of Graduates, Vocational-Technical Education Programs, Class of 1964. Vocational-Technical Vocational Agriculture, and Distributive Education Programs.

New Jersey State Dept. of Education, Trenton. Vocational Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 64 43p.

*VOCATIONAL EDUCATION; COOPERATIVE EDUCATION; TECHNICAL EDUCATION; *VOCATIONAL FOLLOWUP; *HIGH SCHOOL GRADUATES; SECONDARY SCHOOLS; VOCATIONAL AGRICULTURE; DISTRIBUTIVE EDUCATION; PROGRAM EVALUATION; *JOB PLACEMENT; OCCUPATIONS; TRADE AND INDUSTRIAL EDUCATION
NEW JERSEY

Placement information is given for graduates of three programs in New Jersey public schools. Of the 2,238 graduates from all day trade and technical programs: (1) 1,360 were male and 878 were female, (2) 108 were continuing their education full time, (3) 1,867 were available for employment, (4) 1,622 were employed in the occupation for which they were trained or a related occupation, (5) 205 were employed in unrelated occupations, and (6) Their median hourly wage was $1.69 per hour. Of the 212 graduates from vocational agriculture programs: (1) 211 were male and 1 was female, (2) 36 were continuing their education, (3) 141 graduates were available for employment, (4) 100 were employed in agriculture or in occupations or services related to farming, (5) 34 were employed in work not related to agriculture, and (6) There were no graduates reported as unemployed. Of the 621 graduates from distributive education programs: (1) 307 were male and 314 were female, (2) 81 were continuing their education, (3) 456 were available for employment, (4) 326 were employed in a distributive occupation, (5) 96 were employed in jobs not related to distributive occupations, (6) Their median hourly wage was $1.47 per hour, and (7) 21 were unemployed. (SL)

VT 001 514
Occupational-Vocational-Technical (OVT) Curriculum and Guidance, Employment Supervisors, Social Development. Evaluation Reports, 1966.

Pittsburgh Public Schools, Pa.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 38p.

*VOCATIONAL EDUCATION; *EXPERIMENTAL PROGRAMS; CAREER PLANNING; ADJUSTMENT COUNSELORS; *STUDENT ADJUSTMENT; JOB PLACEMENT; *VOCATIONAL COUNSELING; *EMPLOYMENT SERVICES; SECONDARY GRADES; INTERMEDIATE GRADES
PITTSBURGH

Progress reports of three experimental programs in the Pittsburgh Public Schools are presented. In the spring of 1965, it was decided that all high schools in the city of Pittsburgh would offer comprehensive occupational-vocational-technical programs including traditional subjects as home economics and business education. As a result of this decision, experimental programs have been initiated at the middle school level (grades 6, 7 and 8). Plans call for exposure of students to all job areas in grades 6, 7 and 8, a narrowing of focus in grades 9 and 10, and a choice of a specific job area in grades 11 and 12. Pilot studies are proposed. A Vocational Placement Office in the Division of Pupil Services was established in 1962 to provide adjustive counseling and job placement for young people of limited abilities. Personnel and services have been expanded. A social development program is proposed which will be an experiment in improving self-image, attitude toward learning, and social behavior for children who display disruptive behavior and poor academic performance. (PS)

VT 001 576
Bullock, Burke
A Survey to Identify and Describe the Characteristics of Twenty-Five Selected Young Farmer Chapters in Texas.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - May63 37p.

*AGRICULTURAL EDUCATION; *SURVEYS; *PROGRAM DESCRIPTIONS; *YOUNG FARMER EDUCATION; *STUDENT CHARACTERISTICS
TEXAS

In order to familiarize inexperienced vocational agriculture teachers with characteristics of the Young Farmer Program, a questionnaire survey was conducted of 25 young farmer programs. Findings were: (1) Young farmers are typically between 25 and 35 years old, with 2 to 3 children and a high school education, (2) 40 percent own part or all of their land, (3) 48 percent have between $35,000 to $75,000 invested in farming operation, (4) Chapters average less than 30 members, with meeting attendance under 20, (5) Newspapers and letters were used for publicity, (6) Programs leading to better farm profits were most popular, (7) Family-type recreation was preferred, and (8) Providing good programs was a major chapter operation. Problems listed by advisors were planning varied meeting programs, creating interest, attendance, and competing with other activities. (JM)

VT 001 954
American Industrial Arts Student Association Handbook.

American Industrial Arts Assocation, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.

American Industrial Arts Association, National Education Association, 1201 Sixteenth Street, N.W., Washington, D.C. 20036 ($1.50).
Pub Date - 1Mar67 18p.

*INDUSTRIAL ARTS; *YOUTH CLUBS; *MANUALS; *STUDENT ORGANIZATIONS
AIASA; *AMERICAN INDUSTRIAL ARTS STUDENT ASSOCIATION

This handbook describes: (1) reasons for joining, (2) organizational procedure, (3) regulations for national affiliation, (4) sources of club supples, (5) meeting procedure, (6) suggested club activities, (7) the constitution, and (8) organizational symbol, motto, creed, and colors. (EM)

VT 001 988
College and Career Information for High School Pre-Technology Students.

Cogswell Polytechnic Inst., San Francisco,Calif.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Apr65 42p.

*OCCUPATIONAL INFORMATION; *TECHNICAL EDUCATION; *EDUCATIONAL NEEDS; ADMISSION CRITERIA; CURRICULUM
*ENGINEERING TECHNICIANS; PRETECHNOLOGY PROGRAMS; CAREER OPPORTUNITIES; COMMUNITY COLLEGES; *EDUCATIONAL OPPORTUNITIES; CAREER PLANNING; COLLEGE PROGRAMS; HIGH SCHOOL GRADUATES
CALIFORNIA

Designed to assist students in matching their abilities and ambitions to appropriate college programs, this booklet gives guidance information and requirements for the pre-technology students in California, including: (1) associate degree requirements, (2) technical assistance programs, (3) occupational-centered curriculums, (4) apprenticeship programs, (5) certificate programs, (6) college transfer programs, (7) a checklist of offerings at Bay Area junior colleges, (8) other post secondary school requirements, and (9) a section of question and answer which contains pertinent information. (EM)

VT 002 362
Jordon, Max F., And Others
Aspirations and Capabilities of Rural Youths in Relation to Present and Projected Labor Market Requirements.
AES Bulletin 722.

Arkanas Agricultural Experiment Station, Fayetteville
Economic Research Service (DOA), Washington, D.C. Economic Development Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - May67 50p.

*ASPIRATION; *APTITUDE; *RURAL YOUTH; *MANPOWER NEEDS; *COMPARATIVE ANALYSIS; RURAL AREAS; OCCUPATIONAL ASPIRATION; ACADEMIC ASPIRATION; *LOW INCOME COUNTIES; QUESTIONNAIRES; VOCATIONAL APTITUDE; ACADEMIC APTITUDE; HIGH SCHOOL STUDENTS; GRADE 12
ARKANSAS

To determine the aspirations and capabilities of rural youth and relate them to experience, background, and occupational plans tests, inventories, and a questionnaire were administered to 165 senior boys in 10 high school in two low-income Arkansas counties. Significant relationships between variables were ascertained through the use of multiple linear regression techniques. Conclusions included: (1) Mechanical interests, scientific interests, ascendance, social class value orientation, and the number of years of education and training planned after high school were significantly related to occupational aspirations, (2) Reading speed, age, race, reading comprehension, and the student's estimate of his ability for his chosen occupation were significantly related to capabilities, (3) Reading speed, ascendance, and sociability were found to be significantly related to the discrepancy between aspirations and capabilities, and (4) Wide discrepancies were found between the occupational plans of the students and the projected U.S. needs for 1970 in some occupational categories. Recommendations included: (1) inclusion of remedial reading in the curricula, (2) development of an occupational unit in each department of the high school, (3) establishment of guidance services, and (4) development of special programs for low capability students. (DM)

VT 004 657
Guidance and Job Placement. Career Guidance Series. Curriculum Bulletin, 1966-67 Series No. 8c.

New York City Board of Education, N.Y.
MF AVAILABLE IN VT-ERIC SET.
Publications Sale Office, Board of Education of the City of New York, 110 Livingston Street, Brooklyn, New York 11201 ($2.00).
Pub Date - 67 87p.

*RESOURCE GUIDES; *OCCUPATIONAL GUIDANCE; EDUCATIONAL GUIDANCE; *JOB PLACEMENT; INSTRUCTIONAL MATERIALS; CAREER PLANNING; *PROGRAM GUIDES; *STUDENT PERSONNEL SERVICES; REFERRAL; TESTING; STUDENT PLACEMENT;SCHOOL COMMUNITY RELATIONSHIP; ADMISSION CRITERIA; PARENT SCHOOL RELATIONSHIP; RECORDS (FORMS)

The career guidance program utilizes specialized and intensive guidance and a curriculum centered around the world of work to accomplish its objectives, namely, an creased level of educational and vocational aspiration within junior high school students. This specially designed teaching guide in guidance and job placement is one of a series designed for use with junior high school pupils who are in general overage, frustrated, retarded in most school subjects, and indifferent to education. The guide is organized in two parts. Part I, Organization and Implementation of the Program, includes scope of the program, criteria for the selection of pupils, the testing program, high school placement, job placement services, and working with the individual pupil. Part II, Suggested Group Guidance Units, includes: What can the career guidance program do for me? What can school do for me? What is the job for me? How do I get the job? The bibliography lists resources in the areas of occupational information, testing, and counseling information. (CH)

VT 005 769 ED 025 602
Mallinson, George G.
Characteristics of Non-College Vocationally-Oriented School Leavers and Graduates. Final Report.

Western Michigan Univ., Kalamazoo
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$3.25 OEC-6-85-071 08
BR-5-0142

Pub Date - Feb68 63p.

*DROPOUTS; SOCIOECONOMIC STATUS; ACADEMIC ACHIEVEMENT; OCCUPATIONAL ASPIRATION; ATTITUDES; SELF CONCEPT; FOLLOWUP STUDIES; POST SECONDARY EDUCATION; QUESTIONNAIRES; INTERVIEWS; *EDUCATIONAL EXPERIENCE; COMPARATIVE

ANALYSIS; VOCATIONAL EDUCATION; FAMILY INFLUENCE; GUIDANCE SERVICES; *INDIVIDUAL CHARACTERISTICS; *NONCOLLEGE PREPARATORY STUDENTS; *HIGH SCHOOL GRADUATES
SCIENCE MOTIVATION PROJECT I

The purpose of this study was to survey a representative sample of non-college bound students who were dropouts or graduates of the class of June 1963, in 12 midwestern high schools. Specifically, the study was designed to investigate the socioeconomic backgrounds, the academic backgrounds, and the reactions of these non-college bound students to self, family, and school. Further, it was designed to determine the occupational areas entered by the subjects, what vocational training, if any, they had experienced, and their reactions to such training. Data collection included comparison of standardized test scores with a matched group of students who had entered college, and personal interviews. The findings of this study would indicate that high schools need to pay greater attention to the academic and counseling programs of the non-college bound students. (CH)

VT 005 798 ED 032 382
A Feasibility Study to Investigate the Structure and Operation of a Model Occupational Information Dissemination Unit Which Would Operate Between the New York State Employment Service and the New York State Education Department.

New York State Education Dept., Albany. Bureau of Occupational Education Research
EDRS PRICE MF-$0.75 HC-$8.35 OEG-1-7-063019-2914 08
BR-6-3019
Pub Date - Jun67 165p.

*GUIDANCE SERVICES; *OCCUPATIONAL INFORMATION; *INFORMATION DISSEMINATION; *HIGH SCHOOLS; *JUNIOR COLLEGES; INFORMATION UTILIZATION; INFORMATION NEEDS; INFORMATION SYSTEMS; INFORMATION PROCESSING; STATE SURVEYS; COUNSELORS; CHIEF ADMINISTRATORS; QUESTIONNAIRES
NEW YORK

The possibility was explored of greater cooperation between the New York State Employment Service and the secondary schools and 2-year colleges of New York in the production and dissemination of improved occupational information for students and counselors. To compile data on present practices and opinions of counselors and administrators, responses were obtained from 740 elementary and high school counselors, 52 2-year college counselors, 44 high school administrators, and 26 administrators in 2-year colleges. The responses indicated that counselors felt less well prepared in occupational information than in other aspects of their work, and that both counselors and administrators valued highly the kinds of information which the Employment Service could supply. As a result of this study, a pilot project will be undertaken in Nassau and Suffolk Counties in 1967-68. A list of 212 local occupations has been prepared with the help of Employment Service occupational analysis. Guides on these occupations will be prepared and distributed to secondary schools and 2-year colleges as a part of the pilot project. (CH)

VT 006 150
Shoobs, Dorothy
Residence and Migration of Students in Professional Nursing Programs in New York State.

New York State Education Dept., Albany. Div. of Professional Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 47p.

*MIGRATION; *STUDENTS; *NURSING; *EDUCATIONAL PROGRAMS
NEW YORK

To provide data for regional planning for nursing education, questionnaires were mailed in 1965 to all schools of nursing registered by the New York State Education Department. Data were returned by all of the 136 schools contacted. Some of the findings regarding interstate migration were: (1) Of 18,830 students enrolled in registered nurse programs, 2,749 came from out of state, (2) Of the out-of-state students, 2,287 were enrolled in basic programs and 362 in programs for graduate nurses, (3) Of the out-of-state students 1,705 migrated to New York City, and (4) Out-of-state students comprised 11 perdent of the enrollment in hospital diploma programs, 29 percent in baccalaureate programs, 3 percent in associate degree programs, and 31 percent in masters and doctoral programs. Some of the findings regarding intrastate migration were: (1) One-third of all students migrate from their own geographical areas to other areas in the state, (2) New York City had the greatest in-migration--2,165, as compared to an out-migration of 362, (3) The Long Island area had the greatest out-migration--1,824, as compared to an in-migration of 160, and (4) The largest percentage of intrastate migration occurred in baccalaureate programs--56 percent of 2,496 students, the second largest in hospital diploma programs--34 percent of 9,274 students, and the lowest in associate degree programs--14 percent of 2,303 students. (JK)

VT 006 600 ED 032 388
Phillips, Donald S.
Personal and Social Background Characteristics of Entering Technician Education Students at Four Post-High School Institutions.

Oklahoma State Univ., Stillwater. Research Foundation
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.75 HC-$7.05 OEG-1-7-070017-5144 24
BR-7-G-014
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - May68 139p.

*STUDENT CHARACTERISTICS; *SOCIOECONOMIC BACKGROUND; *ACADEMIC APTITUDE; *TECHNICAL EDUCATION; *POST SECONDARY EDUCATION; AREA VOCATIONAL SCHOOLS; JUNIOR COLLEGES; TECHNICAL INSTITUTES; SOCIOECONOMIC STATUS; PERSONAL INTERESTS; GUIDANCE SERVICES
OKLAHOMA; NELSON-DENNY READING TEST; TECHNICAL SCHOLASTIC TEST

To identify differences and similarities among entering technician education students at four post-high school institutions, data were collected on personal and social background characteristics, socioeconomic background, and scholastic aptitude from 724 students. Researchers used two standardized instruments, the Nelson-Denney Reading Test and the Technical Scholastic Test, and a questionnaire designed to obtain personal-social data for use in determining the socioeconomic background of each student. The four institutions selected for this study were: (1) a public-supported residential junior college, (2) a public-supported residential vocational technical school, (3) a public-supported non-residential technical institute located in a metropolitan area, and (4) a public-supported technical institute located on a state university campus. Conclusions based on the findings of this study include: (1) Technician education students make choices with only limited knowledge of available programs and institutions, (2) Technician education students tend to express unrealistic educational objectives, (3) Technician students had limited contact with high school counselors, (4) Reading skills of technician education students tend to be lower than norms for grade 13 students. (CH)

VT 007 003   ED 028 307
O'Dowd, Donald D.; Beardslee, David C.
Development and Consistency of Student Images of Occupations.

Michigan State Univ., Rochester. Oakland Univ.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$1.25 HC-$15.90   SAE-9160   24
BR-5-0858

Pub Date - Jun67 316p.

*PROFESSIONAL OCCUPATIONS; SOCIOECONOMIC STATUS; *COLLEGE STUDENTS; *STUDENT ATTITUDES; *LONGITUDINAL STUDIES; STUDENT OPINION; HIGH SCHOOL STUDENTS; COLLEGE FACULTY; WORKING WOMEN; WORK ATTITUDES; OCCUPATIONAL GUIDANCE; SOCIAL PSYCHOLOGY; QUESTIONNAIRES; PERSONAL INTERESTS; PERSONAL VALUES; PROFILE EVALUATION; CHANGING ATTITUDES *OCCUPATIONAL IMAGES

This study of the images of occupations is based on the assumption that the world of work is of primary importance to young people choosing a career. Data were collected by use of the occupations questionnaire which was designed so that a respondent was asked to rate each of 15 occupations, on 34 two-ended, seven-point rating scales. The target population was students involved directly in college education, and the verbal system is that associated with the titles of major high-level professions and occupations. The marked agreement between all groups of subjects indicates that all college and university students in the United States share in one main system of beliefs about the higher level occupational world, and that the images are formed in early pre-high school years. Detailed analyses and charts support the many specific hypotheses and explorations. (CH)

VT 007 435   ED 031 553
Dye, Franklin Haddox
Office Work Perceptions Held by Tenth Grade Female Students Enrolled in Urban High Schools Serving Disadvantaged Youth.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106 (68-12832, microfilm $3.60, xeroxed $12.60).
Pub Date - 68 28p.

*WORK ATTITUDES; *URBAN YOUTH; DISADVANTAGED YOUTH; FEMALES; GRADE 10; *OFFICE OCCUPATIONS; ATTITUDE TESTS; *STUDENT ATTITUDES; DOCTORAL THESES; QUESTIONNAIRES; TABLES (DATA); PERCEPTION TESTS; *PERCEPTION; MATERIAL DEVELOPMENT; COMPARATIVE ANALYSIS; AVERAGE STUDENTS; EMPLOYEE ATTITUDES; BIBLIOGRAPHIES; URBAN SCHOOLS

The purpose of this study was to develop a valid and reliable perception instrument and to use the instrument to identify the significant perceptions of office work held by 10th grade female students enrolled in urban high schools serving disadvantaged youth, and to compare these perceptions with those held by 10th grade female students enrolled in urban high schools serving advantaged youth,and with those held by beginning female workers in office occupations. Data were collected by a 50-item perception instrument which was administered to 1,043 female students enrolled in 16 high schools and to 155 beginning female workers in office occupations. The office work perceptions held by 10th grade female students in disadvantaged areas were found to differ significantly from those held by advantaged students in four of the eight cities included in the study; they also differed significantly from those held by beginning female workers in office occupations in one of the three cities included in the study. Also, there were significant differences among the offife work perceptions when the total scores were compared for all groups of 10th grade female students enrolled in urban high schools serving disadvantaged youth in the eight U.S. cities. This Ph.D. dissertation was submitted to The Ohio State University. (CH)

VT 007 819
Career Opportunities as a Licensed Practical Nurse.

National Association for Practical Nurse Education and Service, Inc., New York, N.Y.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 52p.

*OCCUPATIONAL INFORMATION; *PRACTICAL NURSING; *HEALTH OCCUPATIONS EDUCATION; *ACCREDITATION (INSTITUTIONS); *DIRECTORIES

To provide assistance to prospective students the pamphlet presents basic information about the nature of practical nursing, earnings and working conditions, selection of a school, entrance requirements, length of study, program of instruction, cost, the state board examination, and the services of the National Association for Practical Nurse Education and Service, Incoporated (NAPNES). A directory of state approved schools and a listing of schools approved by NAPNES are included. (JK)

VT 007 981
Webb, Earl S.
Why Not Become a Farm Tractor and Implement Mechanic?

Texas A and M University, College Station
Texas Agricultural Experiment Station, College Station
Texas Occupational Research Coordinating Unit, Austin
Texas Education Agency, Austin
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 8p.

*OCCUPATIONAL INFORMATION; *OCCUPATIONAL GUIDANCE; *STUDY GUIDES; OCCUPATIONAL CHOICE; SECONDARY GRADES; CAREER PLANNING; AGRICULTURAL MACHINERY OCCUPATIONS; *FARM MECHANICS (OCCUPATION); *AGRICULTURAL EDUCATION; AGRICULTURAL ENGINEERING

Occupational information relating to farm tractor and implement mechanics occupations is presented to assist the student in exploring this occupational area. The material was developed by an individual author with advice from teacher educators and tradesmen. The purpose of the material is to help the student decide if he desires to select and prepare for the occupation of farm tractor and implement mechanic. Information is provided under the topics of: (1) Know Yourself, (2) Investigate for Yourself, (3) Preparing for the Occupation, (4) Wages and Hours, (5) Fringe Benefits, and (6) On-the-Job Training. The material may be used in vocational agriculture classes or occupational guidance programs by any student interested in the trade. (HC)

VT 008 043
Vocational Guidance in Education. A Demonstration System of Occupational Information for Career Guidance. Summary.

New York State Education Dept., Albany. Bureau of Occupational Education Research
Board of Cooperative Educational Services, Jericho, N.Y.
MF AVAILABLE IN VT-ERIC SET.
Bureau of Occupational Education Research, New York State Education Department, Washington Avenue, Albany, New York 12224 (without charge).
Pub Date - Jun68 9p.

*OCCUPATIONAL GUIDANCE; *OCCUPATIONAL INFORMATION; CAREER PLANNING; DEMONSTRATION PROJECTS; PROGRAM EFFECTIVENESS; MICROFILM; COMMUNITY COLLEGES; *GUIDANCE SERVICES; *INFORMATION DISSEMINATION; OCCUPATIONS; SECONDARY SCHOOLS; CAREER OPPORTUNITIES; *PROGRAM EVALUATION; EMPLOYMENT OPPORTUNITIES; LABOR MARKET; QUESTIONNAIRES
NASSAU COUNTY; SUFFOLK COUNTY; NEW YORK METROPOLITAN AREA

"Vocational Guidance in Education. A Demonstration System of Occupational Information for Career Guidance" is summarized. See abstract of ED 024 838 or VT 007 626 (ARM Fall 1969) for the complete report. (CH)

VT 008 105 ED 033 191
Reilly, Anthony Joseph, III
The Effects of Different Leadership Styles on Group Performance: A Field Experiment.

Iowa State Univ. of Science and Technology, Ames. Industrial Relations Center
EDRS PRICE MF-$0.75 HC-$6.75
Industrial Relations Center, Iowa State Univ., Ames, Iowa 50010 (no charge).
Pub Date - 68 133p.

*LEADERSHIP STYLES; *STUDENTS; *NURSING; *PROBLEM SOLVING; INTERACTION PROCESS ANALYSIS; SOCIOMETRIC TECHNIQUES; *PEER GROUPS; TABLES (DATA)

This study tested Fiedler's contingency model of leadership effectiveness on 86 nursing students in a large midwestern hospital. Fourteen individuals representing the task oriented and relationship-oriented leadership styles and two levels of sociometric status were randomly designated as leaders for small groups. The groups worked on five structured and five unstructured nursing problems in 10 fifty-minute sessions. The hypothesis that leaders of different styles use different kinds of verbal statements in communicating with their group members was not confirmed. Rather, a difference in the amount of verbal involvement was suggested. Task-oriented leaders talked significantly more to their group members. Superior performance of the groups led by relationship-oriented leaders on both types of problems did not support the hypothesis that relationship-oriented leaders perform more effectively on unstructured problems. It was suggested that future research include measures to test the interpretation that the overall nursing philosophy outweighs the type of task. All instruments are presented in the appendixes. (JK)

VT 008 300 ED 029 135
Careers without College.

Wisconsin State Employment Service, Madison. Program Development and Research Bureau
EDRS PRICE MF-$0.25 HC-$2.45
Pub Date - nd 47p.

*OCCUPATIONAL GUIDANCE; *OCCUPATIONAL INFORMATION; *OCCUPATIONS; CAREER PLANNING; NONCOLLEGE PREPARATORY STUDENTS; *VOCATIONAL EDUCATION; OCCUPATIONAL CLUSTERS; EMPLOYMENT POTENTIAL

The purpose of this booklet is to acquaint students as well as school counselors and teachers with the major occupations providing opportunities for non-college bound youth. The occupations listed were selected from a number of occupational surveys conducted by the Wisconsin State Employment Service. Occupations chosen are those in which the number of opportunities are expected to increase and, more importantly, those which provide opportunity for the high school graduate to get a start without going to college. Certain other occupations are omitted, either because the number of job openings each year are relatively insignificant, or because they fail to offer career potential. As a whole, occupations listed in this publication constitute approximately 80 percent of the jobs for which a recent high school graduate could qualify. Occupational areas include automobile mechanics, building trades, drafting, fire and police protection, health services, machine operators--skilled and semi-skilled, office occupations, supervisory occupations, and a career in government. (CH)

VT 008 365
College Student Volunteers in State Mental Hospitals. PHS Pub. 1752.

National Inst. of Mental Health, Chevy Chase, Md. Citizens Participation Branch
MF AVAILABLE IN VT-ERIC SET.
Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20004 (FS2.22:M52/68).
Pub Date - 68 34p.

*PSYCHIATRIC HOSPITALS; *STUDENT VOLUNTEERS; *COLLEGE STUDENTS; NATIONAL SURVEYS; PROGRAM DESCRIPTIONS; *DIRECTORIES

The survey of college student volunteer programs in state mental hospitals was undertaken to update the listing of participating hospitals and academic institutions and to gather information about the programs. Questionnaires were sent to 226 hospitals, and 190 in 47 states replied. Of the hospitals responding, 114 used college volunteers who represented 301 of the nation's colleges. Approximately 7,700 college students were reported as volunteers during the 1965-66 academic year. One hundred and nine hospitals reported information regarding program origin. The earliest data reported was 1910 when students of Hanover College began volunteer work at Madison State Hospital. The decade 1956-66 accounted for the origins of 86 programs. Student volunteers worked with long-term and short-term patients in all age groups. Recreational and conversational activities predominated and patient excursions into the community were used in an effort to minimize the transportation probems faced by some student groups. The value of the volunteer programs was rated "very helpful" by 90 institutions and "somewhat helpful" by 17. There was no response to this question in five cases and there were multiple responses in two instances. The appendix identifies hospitals and academic institutions participating in college student volunteer programs. (JK)

VT 008 431 ED 031 563
Winters, Joseph S.
Career Programs in Two-Year Colleges.

New York State Education Dept., Albany. Bureau of Occupational Education Research
EDRS PRICE MF-$0.50 HC-$4.05
Bureau of Occupational Education Research, New York State Education Department, Washington Avenue, Albany, New York 12224.
Pub Date - Jan69 79p.

*COLLEGE PROGRAMS; *DIRECTORIES; *POST SECONDARY EDUCATION; *TECHNICAL EDUCATION; *EDUCATIONAL GUIDANCE; COLLEGE CURRICULUM; EDUCATIONAL OPPORTUNITIES; OCCUPATIONAL GUIDANCE; BUSINESS EDUCATION; COMMUNITY COLLEGES; JUNIOR COLLEGES; TECHNICAL INSTITUTES; HEALTH OCCUPATIONS EDUCATION
NEW YORK; NEW JERSEY

Information obtained from the 2-year colleges of New York and New Jersey is presented in this directory. Career curriculums in 140 areas are offered by the 66 institutions. In the institutional directory, information includes cost, financial aid, and career curriculums offered. In the second section, colleges are classified by the occupational areas of business, health and services, and technologies. A map showing the approximate location of each institution is included in the document. This is a revision of ED 021 980 (VT 004 019, ARM Winter 1969). (DM)

VT 008 455   ED 029 972
Vocational Guidance Seminar. A Report of a Summer Project for Administrators, Counselors, and Teachers.

Indiana Research and Development Coordinating Unit for Vocational and Technical Education, Terre Haute
EDRS PRICE MF-$0.75 HC NOT AVAILABLE FROM EDRS.
Vocational Instructional Materials Laboratory, School of Technology, Indiana State University, Terre Haute, Indiana 47809 ($1.50).
Pub Date - Nov68 172p.

*OCCUPATIONAL GUIDANCE; GUIDANCE SERVICES; INFORMATION UTILIZATION; VOCATIONAL COUNSELING; *SUMMER WORKSHOPS; *OCCUPATIONAL INFORMATION; OCCUPATIONAL CHOICE; *INFORMATION DISSEMINATION; COUNSELORS; TEACHERS; CHIEF ADMINISTRATORS; FIELD EXPERIENCE PROGRAMS; SCHOOL INDUSTRY RELATIONSHIP; EMPLOYMENT OPPORTUNITIES; EMPLOYMENT QUALIFICATIONS; *STAFF IMPROVEMENT; PROGRAM DESCRIPTIONS; COUNSELOR TRAINING
INDIANA; *VOCATIONAL COUNSELING SUMMER WORKSHOPS, INDIANA, JUNE 17-AUGUST 9, 1965

Four regional workshops in vocational guidance were designed to inform and update school counselors, teachers, and administrators concerning the working conditions, requirements, and opportunities in business, industry and the service occupations for certain industrial areas in Indiana, namely Evansville, Hammond, New Albany, and Wabash. Each seminar consisted of a 3-week intensive course in which businesses, industries, and various services were visited and discussions were held with management, personnel directors, and on-the-job personnel. The specific objectives included: (1) to help counselors more fully understand the relationship between the school curriculum and vocational opportunities in community, (2) to acquaint counselors with occupational information materials, the sources and effective utilization of such materials, and (3) to prepare school counselors to relate their understandings of vocational offerings and vocational opportunities to students--thereby providing sound vocational counseling. (CH)

VT 008 488
Garrison, Thomas G., Comp.
Vocational Guidance Manual for Counselors, Teachers and Educators.

Indiana Research and Development Coordinating Unit for Vocational and Technical Education, Terre Haute
MF AVAILABLE IN VT-ERIC SET.
Vocational Instructional Materials Laboratory, School of Technology, Indiana State University, Terre Haute, Indiana 47809 ($.60).
Pub Date - Mar69 70p.

*OCCUPATIONAL GUIDANCE; *VOCATIONAL EDUCATION; *PROGRAM DESCRIPTIONS; *YOUTH CLUBS; *DISADVANTAGED YOUTH; COUNSELORS; TEACHERS; CHIEF ADMINISTRATORS; PARENTS
INDIANA

The purpose of this document is to bring an awareness to counselors, teachers, educators, and parents of those vocational education programs now available, not only for persons in school, but also for those out of school and unemployed, for those already in the a labor market who need training orretraining,and for those persons who are emotionally, economically, or physically handicapped. Programs are discussed for each of the vocational education service areas as well as for students with special needs, that is, academic, socio-economic, or other handicaps preventing them from succeeding in regular on-going programs of vocational education. Vocational youth organizations are discussed as an important component in the training and development of the student as he engages in both individual and group activities connected with his career objective. (CH)

VT 008 526   ED 030 720
The "Project ABLE" Student Vocational Plan. (Interim Product).

American Institutes for Research, Pittsburgh, Pa.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.25 HC-$1.70   OEC-5-85-019   08
BR-5-0009

Pub Date - nd 32p.

VOCATIONAL DEVELOPMENT; *GOAL ORIENTATION; *CAREER PLANNING; INDIVIDUAL CHARACTERISTICS; EMPLOYMENT QUALIFICATIONS; *GUIDANCE PROGRAMS; *JUNIOR HIGH SCHOOL STUDENTS; RECORDS (FORMS); *OCCUPATIONAL GUIDANCE; MATERIAL DEVELOPMENT; OCCUPATIONAL INFORMATION; SELF EVALUATION
*PROJECT ABLE

The Student Vocational Plan of Project ABLE has limited objectives which include student self-evaluation, investigation of the world of work, and the comparison of students' credentials to educational and vocational opportunities. For each of these objectives student activities were delineated for grades 7, 8, and 9. The Plan includes a student kit of forms and data needed by the students to carry out these activities. When viewed as a record of student progress in decision making, this kit provides indications of inconsistency among educational goals, capabilities, interests, and opportunities. Appended are (1) the Plans' table of contents for grades 7, 8, and 9, (2) student goal checklist, (3) educational achievement forms, (4) experience checklist, (5) job classification form, (6) occupational information resource guide, (7) occupational analysis forms, and (8) sample job description. (EM)

VT 008 540
Directory of Business Schools, 1969. A Handbook for Vocational Advisors and Guidance Officers.

United Business Schools Association, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 69 27p.

*OFFICE OCCUPATIONS; *PRIVATE SCHOOLS; *DIRECTORIES; ACCREDITATION (INSTITUTIONS); FINANCIAL SUPPORT; JOB PLACEMENT; STANDARDS; *BUSINESS EDUCATION
*UNITED BUSINESS SCHOOLS ASSOCIATION; UBSA

This directory is published as a service and convenience for those who want to know the names and locations of private business schools. The nearly 500 independent business schools listed in this directory are members of The United Business Schools Association, and are located primarily in the United States, Canada, Puerto Rico and Latin America. This directory will be useful to employers, parents, students, school superintendents, high school principals, business teachers in high schools, and guidance counselors. In addition to the directory, this publication includes (1) discussion of the place and purpose of the private business school and (2) discussion of operating and ethical standards. (CH)

VT 008 542
Strickler, Mervin K., Jr.; Zaharevitz, Walter
Career Opportunities in Aviation.

National Aerospace Education Council, Washington, D.C.
MF AVAILABLE IN VT-ERIC SET.
National Aerospace Education Council, Room 616, Shoreham Building, 806 15th Street, N.W., Washington, D.C. 20005 ($.50).
Pub Date - Mar67 25p.

*AVIATION MECHANICS; *CAREER OPPORTUNITIES; *EMPLOYMENT QUALIFICATIONS; *OCCUPATIONAL INFORMATION; VOCATIONAL SCHOOLS; *CAREER PLANNING; SALARIES; VOCATIONAL EDUCATION; EMPLOYMENT PATTERNS; FRINGE BENEFITS; DIRECTORIES; AEROSPACE INDUSTRY; OCCUPATIONS; EDUCATIONAL NEEDS; EMPLOYMENT PROJECTIONS; INFORMATION SOURCES

This booklet contains a general survey of aviation career opportunities and detailed coverage of the aviation mechanic field, including related high school courses, how to get started, a complete roster of Federal Aviation Association Certificated Mechanic Schools, and sample examination questions (oral, practical, and written). It also includes the results of a recent industry survey covering airline flight officer employment qualifications and opportunities. Information is provided relating aptitudes with vocational activities and selected aerospace age careers. Also, personnel, payroll, and average salary of certificated route air carriers for 1965 are shown. (CH)

VT 008 604
Daws, Peter P.
A Good Start in Life.

Leeds Univ., (England). Vocational Guidance Research Unit. Dept. of Psychology
Gulbenkian Foundation, London (England)
Social Science Research Council, London (England)
DOCUMENT NOT AVAILABLE FROM EDRS.
Vocational Guidance Research Unit, Department of Psychology, University of Leeds, Leeds 2, Yorkshire, England ($.90).
Pub Date - Jul66 56p.

*OCCUPATIONAL GUIDANCE; *VOCATIONAL DEVELOPMENT; *GUIDANCE SERVICES; *MODELS; *EDUCATIONAL RESEARCH; PERSONNEL NEEDS; VOCATIONAL COUNSELING; PLACEMENT; INDIVIDUAL NEEDS; VOCATIONAL FOLLOWUP; DROPOUTS; EMPLOYMENT OPPORTUNITIES; EDUCATIONAL TRENDS

An outline model of an ideal system of provision toward which to work, and a framework within which to define the priorities of vocational guidance research are the objectives of this paper. Our educational system reveals an encouraging acceleration of interest in preparing children for the realities of adult life, but the efforts of our educationalists are not matched by an equivalent urgency of purpose and vision in the world of employment. Recommendations are made concerning: (1) vocational development, that is, supporting the client's vocational thinking and guiding his choices, (2) counseling in addition to an advisory service, (3) needs and values as related to their significance for vocational aptitudes, (4) after care which concerns the effective adjustment and training of young entry workers, and (5) guidance teams which would possess competencies in psychometrics, counseling, teaching, occupational analysis, and employer-employee relations. (CH)

VT 008 620
Hopson, Darrie
The Uses of Psychological Tests in Educational and Vocational Counseling.

Leeds Univ., (England). Vocational Guidance Research Unit
Gulbenkian Foundation, London (England)
Social Science Research Council, London (England)
DOCUMENT NOT AVAILABLE FROM EDRS.
Vocational Guidance Research Unit, Department of Psychology, University of Leeds, Leeds 2, Yorkshire, England ($1.20).
Pub Date - Jan68 80p.

*PSYCHOLOGICAL TESTS; *EDUCATIONAL TESTING; *EDUCATIONAL PHILOSOPHY; *VOCATIONAL COUNSELING; *FOREIGN COUNTRIES; CAREER PLANNING; CAREER CHOICE; TESTING PROBLEMS; STUDENT TESTING
*ENGLAND

This monograph concerns the uses of psychological tests in educational and vocational counseling, past, present, and future. Counseling in education is still in its infancy in Britain, but the need for some form of vision to help adolescents plan for their future careers is rapidly being recognized. The youth employment officer is increasingly called upon by client, career staff, and school to fill a role very different from that originally envisioned for him. Careers teachers, youth employment officers, and counselors all have one primary objective, namely, to collect information about clients and jobs so that they will be in a stronger position to carry out the task they are asked to do. Psychological tests are technical devices to enable them to gather some of this information efficiently. This monograph is anattempt to bridge the gap between the theoretical and practical aspects of testing; it emphasizes what could be done given sufficient time and resources. Many of the ideas discussed originated in the USA. (CH)

VT 008 654
Health Careers: Where to Study in Ohio, Kentucky and Indiana.

Health Careers Association of Greater Cincinnati, Ohio
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Oct66 30p.

*HEALTH OCCUPATIONS EDUCATION; *DIRECTORIES; SCHOOLS
OHIO; KENTUCKY; INDIANA

Two hundred and ninety institutions in Ohio, Kentucky, and Indiana offering accredited educational programs in the health field are listed. Included are colleges, universities, schools, and hospitals listed for each of 46 health occupations with program ranging from 1 to 8 years. (JK)

VT 008 699 ED 030 733
Morris, Eugene E., Ed.
A Survey of the Literature on Philosophies and Approaches to Career Development.

North Bay Pace Center, Napa, Calif.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$5.65
North Bay PACE Center, 1005 Jefferson Street, Napa, California 94558 (limited number available).
Pub Date - Feb69 111p.

*LITERATURE REVIEWS; *VOCATIONAL DEVELOPMENT; *CAREER PLANNING; FOLLOWUP STUDIES; CAREER CHOICE; EDUCATIONAL LEGISLATION; ANNOTATED BIBLIOGRAPHIES; EDUCATIONAL TRENDS; HIGH SCHOOLS; EDUCATIONAL PHILOSOPHY; JUNIOR COLLEGES; *RESEARCH REVIEWS (PUBLICATIONS)
CALIFORNIA; *ELEMENTARY AND SECONDARY EDUCATION ACT TITLE III

Excerpts from the most significant recent studies related to career development and vocational education are presented in four sections: Part I, Excerpts From Recent Publications, which includes the "Role of the Secondary Schools in Preparation of Youth for Employment" by Jacob J. Kaufman, et al and "A Rationale for Vocational-Technical Education and Its Implementation" by J.C. Swanson; Part II, Findings and Follow-Up Studies, with reported findings which relate to secondary schools and to junior colleges; Part III, Bibliography And Source Material, which cites specific publications identifying sources of relevant literature; and Part IV, The California Legislature on Vocational Education, a staff report on recent developments in vocational education in California. The findings, conclusions and recommendations included in this report, which was performed under ESEA Title III, should be of interest to administrators, educators, counselors, and researchers. (CH)

VT 008 726
From School to Further Education. Report of a Working Party on the Linkage of Secondary and Further Education.

Scottish Education Dept.
DOCUMENT NOT AVAILABLE FROM EDRS.
Sales Section, British Information Service, 845 Third Avenue, New York, New York 10022 ($.78).
Pub Date - 66 87p.

*VOCATIONAL EDUCATION; *PROGRAM IMPROVEMENT; *STAFF IMPROVEMENT; *SCHOOL INDUSTRY RELATIONSHIP; *FOREIGN COUNTRIES; CURRICULUM; OCCUPATIONAL GUIDANCE; INDIVIDUAL CHARACTERISTICS; SPECIAL EDUCATION; TEACHING METHODS
SCOTLAND

This report considers means of improving the arrangements for coordinating secondary courses and vocational further education with particular reference to the educational needs, both vocational and general, of those young people who do not follow or do not complete courses leading to the Scottish Certificate of Education. Approximately 35 percent of an age group are transferred each year to courses leading to the Scottish Certificate of Education; however this report is concerned with the remaining 65 percent, or approximately 50,000 students, who annually are assigned to vocational further education courses. Although the general public and the students themselves often consider assignment to vocational further education courses to be a mark of failure, the part which further education has to play is an important one. Experience has shown that it is through courses of further education that the young worker can deepen his knowledge, widen his vision, and learn to do his job with greater efficiency and understanding. Recommendations are made relative to the need for extension of day release, the need for vocational guidance, the need for cooperation with industry and further education, and the need for compulsory part-time day education to age 18. (CH)

VT 008 950 ED 031 582
The Implications of Vocational Development on High School Level Vocational-Technical Education. Final Report.

Vocational-Technical School of Eastern Northampton County, Easton, Pa.
Pennsylvania State Dept. of Public Instruction, Harrisburg. Bureau of Vocational-Technical and Continuing Ed.
EDRS PRICE MF-$0.75 HC-$7.40
Pub Date - 30Jul68 146p.

*VOCATIONAL DEVELOPMENT; *VOCATIONAL EDUCATION; HIGH SCHOOL STUDENTS; HIGH SCHOOL CURRICULUM; PROGRAM IMPROVEMENT; OCCUPATIONAL GUIDANCE; EDUCATIONAL PROGRAMS; GRADE 9; ACADEMIC PERFORMANCE; ENVIRONMENTAL INFLUENCES; *READINESS; *STUDENT INTERESTS; *OCCUPATIONAL CHOICE; WORK ATTITUDES; STUDENT CHARACTERISTICS; DECISION MAKING; OCCUPATIONAL TESTS

The study addresses the problems of: (1) how vocational-technical students arrive at their curricular and vocational choices, (2) how the vocational-technical experience that is offered in a vocational-technical school influences various aspects of the students vocational development, and (3) the curricular implications of these findings. A series of exploratory studies, using student interviews, questionnaires, and Crites' Vocational Development Inventory (1965) which was administered to a total of 1,285 eighth grade boys and girls and 1,294 ninth grade boys and girls, indicated that the vocational readiness of vocational-technical students was questionable. The study then conducted a series of investigations with high school freshmen, sophomores, juniors and seniors and focused on choice-related attitudinal changes, work values, changes in vocational preference, achievement, and the relative effectiveness of the General Aptitude Test Battery at the ninth grade level. Proposed curricular revisions recommended broad exploratory opportunities in junior high school, narrowed exploration in the first year cluster program and specialized preparation during remaining high school and post-high school years. (CH)

VT 009 088 ED 031 597
Purnell, Richard F.; Lesser, Gerald S.
Work-Bound and College-Bound Youth: A Study in Stereotypes. Final Report.

Harvard Univ., Cambridge, Mass. Lab. of Human Development
Office of Education (DHEW), Washington, D.C. Div. of Comprehensive and Vocational Education Research 08
EDRS PRICE MF-$1.00 HC-$10.60
OEC-5-85-017
BR-5-0128

Pub Date - Apr69 210p.

*VOCATIONAL EDUCATION; *STUDENT ATTITUDES; STEREOTYPES; *NONCOLLEGE PREPARATORY STUDENTS; COLLEGE BOUND STUDENTS; VOCATIONAL HIGH SCHOOLS; COMPREHENSIVE HIGH SCHOOLS; PARENT ATTITUDES; EDUCATIONAL ENVIRONMENT; VALUES; FOREIGN STUDENTS; QUESTIONNAIRES; *EDUCATIONAL STATUS COMPARISON; EDUCATIONAL ATTITUDES; NATIONAL SURVEYS; SELF CONCEPT; COMPARATIVE ANALYSIS; EDUCATIONAL SOCIOLOGY
DENMARK

Stereotypes about work-bound youth in vocational and comprehensive high schools were examined, using the students' own perceptions of on-going experiences in these two types of schools. Essentially two related stereotypes account for the wide-spread misconception about vocational and comprehensive high schools: (1) Vocational schools are seen as a "dumping ground" for lazy students and slow learners, and (2) Comprehensive high school education is seen as superior to vocational high school education for work-bound youth. Data were collected by self-administered questionnaires from 3,060 students (1,981 boys; 1,079 girls) attending six vocational high schools in as many states and from 1,827 students (890 boys; 937 girls) attending three comprehensive high schools in New England states. Also data were collected from 2,331 Danish vocational students in 14 schools in order to make comparisons with American vocational students. The findings of the study do not support the "dumping-ground" stereotype for this sample of specialized vocational high school students. Also, the findings suggest that American specialized vocational high school students fare as well in their views of themselves and of the education they are receiving as Danish vocational students who live in a country where vocational education is not considered degrading. (CH)

VT 010 176
Whinfield, Richard W.
Review and Synthesis of Research on Placement and Follow-Up of Vocational Education Students.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - 6Dec69 11p.; Presentation made at the Annual American Vocational Association Convention (63rd, Boston, Mass., Dec. 6, 1969).

*LITERATURE REVIEWS; *GRADUATE SURVEYS; *VOCATIONAL EDUCATION; *FOLLOWUP STUDIES; *SPEECHES; PLACEMENT; PROGRAM EVALUATION; WORK EXPERIENCE; SECONDARY EDUCATION; POST SECONDARY EDUCATION; ADULT EDUCATION; SPECIAL PROGRAMS; COST EFFECTIVENESS; METHODOLOGY; BIBLIOGRAPHIES
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This presentation addresses the rationale, methodology, findings, and conclusions of a recent review and synthesis of research on placement and follow-up of vocational education students. The review includes research published during a 5-year period, beginning in 1965. The follow-up studies are categorized as follows: (1) administrative reports--information gathered to describe the occupational status of graduates of specific educational programs, (2) comparative studies--comparisons of graduates of various types of educational programs, and (3) cost-benefit studies which refine the analysis of occupational education. In general, the type of information sought through follow-up studies includes type of job, relation of job to training, student satisfaction, wages, placement, unemployment, employment stability, geographic and occupational mobility, and continuing education. The follow-up technique as a tool for vocational education program improvement and evaluation is in need of further refinement and incorporation into larger models of evaluation; however, it has the potential of becoming one of the most useful tools available. The review of research discussed in this presentation is available as VT 010 175, which will appear in a subsequent issue of ARM. (CH)

VT 010 433
Bottoms, Gene, And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 8-10, 1969).

American Vocational Association, Washington, D.C. Vocational Guidance Section
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 80p.

*SPEECHES; *OCCUPATIONAL GUIDANCE; *VOCATIONAL EDUCATION; PROGRAM DESCRIPTIONS; MODELS; CAREER CHOICE; DROPOUTS; STUDENT INTERESTS; COUNSELING EFFECTIVENESS; OCCUPATIONAL INFORMATION
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

Speeches presented at the vocational guidance section of the 63rd Annual Vocational Convention include "Rationale for Merging Elements from Guidance and Vocational Education into New Program Models," by Gene Bottoms, "Objectives, Structures and Implementation of Georgia's Program of Educational and Career Exploration," by Marion H. Scott, "Objectives Structure and Implementation of Georgia's Program for Dropouts and Potential Dropouts," by Kenneth R. Reynolds, "Vocational Guidance for In-Service Counselors," by John F. Hawkins, "Students Do Want Vocational Education," by David W. Winefordner, "Improving Counselor Effectiveness through Summer Vocational Guidance Seminars," by Richard E. Green, "Manpower Projections as a Growing Resource for Vocational Guidance," by Paul G. Larkin, and "Counselors' Responsibilities to the Non-College Bound," by S. Norman Feingold. (CH)

VT 010 451
Prediger, Dale J.
Validation and Interpretation of Test Data Via Discrimination Analysis: Research Results with Vocational School Students.

American Vocational Association, Washington, D.C. Manpower Section
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 9Dec69 8p.; Summary of a paper presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Mass., Dec. 9, 1969).

*SPEECHES; *VOCATIONAL COUNSELING; *STUDENT CHARACTERISTICS; *PROFILE EVALUATION; *VOCATIONAL EDUCATION; VOCATIONAL INTERESTS; APTITUDE; EDUCATIONAL PLANNING; STATISTICAL ANALYSIS
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

The general objectives of the study were to develop, through the use of discriminant analysis procedures, validated information on the characteristics of vocational school students and to put this information into a form that can be used by counselors in helping students select an appropriate vocational program. Beginning in 1966, 10 aptitude and 10 interest measures were accumulated for each of the approximately 1,000 prospective vocational high school students. For purposes of analyses, students were grouped according to three variables: (1) sex, (2) vocational school success, and (3) satisfaction criteria. A series of discriminant analyses showed that interest measures appeared to be somewhat more powerful than the aptitude measures in differentiating among groups. Results of the analyses were used to generate indexes showing a prospective vocational student's similarity to successful and satisfied students in each of the eight vocational programs most appropriate to the student's sex. (AUTHOR/CH)

TEACHERS AND
TEACHER EDUCATION
SECTION

VT 000 971
Bristol, Benton K.
Creative Approaches to Teaching Ornamental Horticulture; Discussion Guide.

Illinois State Univ., Normal. Dept. of Agriculture
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 7p.

*ORNAMENTAL HORTICULTURE; *VOCATIONAL AGRICULTURE; *INSERVICE TEACHER EDUCATION; *TEACHING GUIDES; *AGRICULTURAL OCCUPATIONS; VOCATIONAL AGRICULTURE TEACHERS; REFERENCE MATERIALS; INSTRUCTIONAL MATERIALS

Developed by an individual author and tested in an agricultural occupations short course for vocational agriculture teachers, this outline is for use by teacher educators in an in-service teacher training program. Students should be teachers of agricultural occupations or others with an interest in ornamental horticulture. The content for this 4-hour short course includes: (1) Background of Short Course, Creative Approaches to Teaching Ornamental Horticulture, (2) Motivate with Color, (3) Recognize Useful Instructional Aids, and (4) Fill Informational Gaps. References, sources, and addresses listed in the booklet are for use as supplemental media in teaching ornamental horticulture. (DM)

VT 002 446
Brown, Mildred L., And Others
Teaching Medical-Surgical Nursing: Papers Presented at the 1962 Regional Meetings of the Council of Member Agencies of the Department of Diploma and Associate Degree Programs.

National League for Nursing, New York, N.Y.
DOCUMENT NOT AVAILABLE FROM EDRS.
National League for Nursing, 10 Columbus Circle, New York, New York 10019 ($1.00).
Pub Date - 63 47p.

*HEALTH OCCUPATIONS EDUCATION; *NURSING; *INSERVICE TEACHER EDUCATION; CURRICULUM DEVELOPMENT; TEACHING TECHNIQUES; *CONFERENCE REPORTS
NATIONAL LEAGUE FOR NURSING; *NLN DIPLOMA AND ASSOCIATE DEGREE PROGRAMS MEETING, 1962

A total of 1,154 representatives of 579 member agencies and 33 guests attended the six regional meetings held in November, 1962. Objectives were to: (1) identify principles related to developing a medical-surgical nursing course, (2) review and discuss methods of teaching, (3) present an overview of spcific programs and the ways in which the medical-surgical nursing course is planned and implemented, (4) demonstrate the clinical conference as a teaching method, (5) encourage an exchange of ideas regarding planning and implementing medical-surgical nursing courses, and (6) stimulate further study and evaluation of teaching in medical-surgical nursing. The same plan was followed at each of the six meetings. A nurse educator presented a paper titled "Planning the Medical-Surgical Nursing Course" on the first morning and a second titled "Teaching Methods Used in Medical-Surgical Nursing" on the second morning. General discussion followed each of the presentations. On the second afternoon, participants demonstrated clinical conferences through role playing. The report includes the two papers by Mildred L. Brown presented at St. Louis, and Phoenix, by Charlotte Gray at Detroit and Buffalo, and by Marie A. Warncke at Washington, D.C. and Williamsburg, Virginia. Each paper is followed by a bibliography. (JK)

VT 003 942
Training of Training Officers, A Pattern for the Future.

British Central Training Council, London
DOCUMENT NOT AVAILABLE FROM EDRS.
Sales Section, British Information Service, 845 Third Avenue, New York, New York 10022 ($.45).
Pub Date - 67 36p.

*TRAINERS; *INDUSTRIAL TRAINING; *STANDARDS; CURRICULUM; RECRUITMENT; SUPERVISORY TRAINING; TEACHER EDUCATION; *INSTRUCTIONAL STAFF; INDUSTRIAL PERSONNEL; FOREIGN COUNTRIES; PERSONNEL SELECTION; EDUCATIONAL PROGRAMS; *EDUCATIONAL NEEDS
*ENGLAND

The purpose of this report is to present a detailed study of training needs relative to the Industrial Training Act of 1964 within the following categories: (1) the training function, (2) the work of training officers, (3) sources of recruitment, (4) selection of training officers, (5) training of training officers, (6) establishment of standards, and (7) approval of courses. The training officer's main responsibilities are the identification of training needs, the formulation and implementation of training policy, and the assessment of its effectiveness. Within this context, training programs should contain the following elements: In-company training including introduction to planned and guided experience on the job, organized off-the-job training, and personal tutoring and formal courses. External courses which are complementary to in-company training and which provide basic knowledge, techniques, and skill. Recommendations for improvement are made for each of the areas reviewed by the report. (CH)

VT 007 114 ED 029 950
Consumer Credit in Family Financial Management. Proceedings of a National Workshop (University of Wisconsin, October 9-12, 1967).

American Home Economics Association, Washington, D.C.
EDRS PRICE MF-$0.75 HC-$9.10
American Home Economics Association, 1600 Twentieth Street, N.W., Washington, D.C. 20009 ($2.00).
Pub Date - May68 180p.

*HOME ECONOMICS EDUCATION; *CONSUMER EDUCATION; TEACHER WORKSHOPS; *CREDIT (FINANCE); *CONSUMER ECONOMICS; WORKBOOKS; *CONFERENCE REPORTS; MONEY MANAGEMENT; SPEECHES; FINANCIAL PROBLEMS; FINANCIAL SERVICES
*WORKSHOP ON CONSUMER CREDIT IN FAMILY FINANCIAL MANAGEMENT, UNIVERSITY OF WISCONSIN, OCTOBER 9-12, 1967

The social invention of consumer credit has expanded greatly during the past 20 years with resulting abuses such as personal overextension of credit or lenders taking an unfair advantage of less knowledgeable consumers. With the new types of credit and great amounts of money involved, it is essential for consumers, distributors, and educators to understand the role of consumer credit in our economy. The viewpoints and comments of 35 attorneys, family finance specialists, educators, government officials, business representatives, home economists, and experts in consumer credit, were presented at a national workshop attended by 200 home economics leaders. Presentations are classified according to: (1) Consumer Credit in the United States Economy, (2) Problem Users of Credit, (3) Guidelines for Using Credit, (4) Teaching Consumer Credit in Money Management, and (5) Overview. A workbook on consumer credit, a bibliography, charts and tables, a roster of participants and a list of regional and state follow-up meetings are included in the document. (FP)

VT 008 125 ED 029 962
Granberg, Grace
Planning for Occupational Programs in Home Economics. An Audiotutorial Kit Containing Ten Tapes with Reactor Sheets.

Washington Univ., Seattle. Home Economics Dept.
DOCUMENT NOT AVAILABLE FROM EDRS.
School of Home Economics, University of Washington, Seattle, Washington 98105 ($30.00).
Pub Date - 67 54p.

*TAPE RECORDINGS; *OCCUPATIONAL HOME ECONOMICS; *TEACHER EDUCATION; WORKBOOKS; STUDENT CHARACTERISTICS; HOME ECONOMICS TEACHERS; ADVISORY COMMITTEES; STUDENT EVALUATION; PROGRAM EVALUATION; PROGRAM DESCRIPTIONS; OCCUPATIONAL SURVEYS; EDUCATIONAL OBJECTIVES; *PROGRAM PLANNING; INDIVIDUALIZED INSTRUCTION; AUTOINSTRUCTIONAL AIDS; EDUCATIONAL NEEDS; VOCATIONAL FOLLOWUP; TEACHER EXPERIENCE; *AUTOINSTRUCTIONAL PROGRAMS
AUDIOTUTORIAL KIT

The materials for individualized or group instruction feature a workbook type format with correlated tape discussions. The program, developed at a 1967 teacher-education workshop at Iowa State University, utilizes the expertise of several leaders and resource guest speakers to acquaint preservice and inservice teachers with vocational home economics. The challenges of home economics to teacher education students are discussed on Tape 1. Occupational home economics programs in operation across the nation are described in Tape 2. Tape 3 contains a description of survey procedures as an example of a method to document the need for occupational education. Problems of students on entering the world of work, characteristics of contemporary students and their attitudes toward work are the concern of Tape 4. Tape 5 contains a discussion about planning instructional objectives, evaluation devices and facilities. Other tapes contain information about various occupational experience programs such as the FEAST program as well as advisory committees, the supply of instructors, evaluation and followup, and food service programs in action. (FP)

VT 008 178 ED 031 561
Industrial Materials. Final Technical Report of NDEA Institute (San Jose State College, June 24-August 2, 1968).

San Jose State Coll., Calif.
EDRS PRICE MF-$0.50 HC-$5.15
Pub Date - 68 101p.

*SUMMER INSTITUTES; *INDUSTRIAL ARTS; *INSERVICE TEACHER EDUCATION; *PROGRAM EVALUATION; TEACHER IMPROVEMENT; PROGRAM ADMINISTRATION; INSTRUCTIONAL IMPROVEMENT; CURRICULUM DEVELOPMENT; PROGRAM DESCRIPTIONS; INSTRUCTIONAL MEDIA
INDUSTRIAL MATERIALS; *NATIONAL DEFENSE EDUCATION ACT TITLE XI INSTITUTE; NDEA TITLE XI INSTITUTE

This descriptive and evaluative report covers a National Defense Education Act, Title XI, summer institute which was attended by 24 industrial arts teachers, supervisors, and teacher educators from 15 states. The objectives of the institute were to teach information about industrial materials and to allow participants to develop instructional and curriculum materials involving instructional media. Industrial arts faculty at San Jose College were responsible for planning and conducting the institute. The bases used for evaluation were staff estimation, a pre- and post-test of the participants' knowledge of industrial materials, and a survey of participants to determine satisfaction with several aspects of the institute. General conclusions were positive and indicated participant growth, successful curriculum materials development, increased knowledge of industrial materials and instructional media, and increased use of such knowledge through planned inservice education or updated instruction. The appendixes include questionnaires, sample curriculum materials, and evaluation data. (EM)

VT 008 388
Proceedings of the National Association of Industrial and Technical Teacher Educators (NAITTE) Executive Committee Meetings at the Annual Vocational Convention of the American Vocational Convention (61st, Cleveland, Dec. 4-8, 1967).

MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec67 58p.

*CONFERENCE REPORTS; TECHNICAL EDUCATION; *INDUSTRIAL ARTS; *TRADE AND INDUSTRIAL EDUCATION; *POLICY; *PROGRAM DESCRIPTIONS; TEST VALIDITY; *ORGANIZATIONS (GROUPS); GROUP ACTIVITIES
NAITTE; *NATIONAL ASSOCIATION OF INDUSTRIAL AND TECHNICAL TEACHER EDUCATORS; AMERICAN VOCATIONAL CONVENTION, CLEVELAND, DECEMBER 4-8, 1967

These proceedings of the National Association of Industrial and Technical Teacher Educators include: (1) the minutes of three executive committee sessions and two business meetings, (2) "The President's Report for 1967" by Denver Sans, (3) Financial Report for 1966-67, (4) "Report of the Industrial Arts Division Activities" by Lowell Carver, (5) "Report of the Trade and Industrial Education Division Activities" by Durwin Hanson, (6) "Report of the Vocational Industrial Clubs of America Activities" by Joe Reed, (7) Report of the "Journal of Industrial Teacher Education" by the Editor, (8) Membership and Circulation Report, (9) Revised and Approved Constitution and By-Laws, (10) Report on the Industrial Teacher Education Directory, (11) "Leadership Development and Information Retrieval" by Calvin J. Cotrell, and (12) "The Validity of Paper and Pencil Types of Creativity Tests in Industrial Education" by Lester G. Duenk. VT 008 387 (found in ARM Summer 1969) is the 1968 proceedings. (EM)

VT 008 614 ED 030 727
Foley, Dennis J., Jr.
Handbook on Recruitment of Potential Industrial Arts Teachers.

New York Univ., N.Y. Dept. of Vocational Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.50
Pub Date - Sep67 88p.

*INDUSTRIAL ARTS; STUDENT COLLEGE RELATIONSHIP; *COLLEGE STUDENTS; *RECRUITMENT; *NATIONAL SURVEYS; *CHECK LISTS; PUBLIC RELATIONS; QUESTIONNAIRES

The purposes of this national study were to investigate practices used by colleges in the recruitment and selection of potential industrial arts teachers, to identify factors which influence students to enter industrial arts teaching, and to devise recruitment and selection procedures. Questionnaire data were collected from 270 college students and 174 college department heads in a population of 200 colleges. Some of the 20 most effective recruitment measures identified by department heads were: (1) contacts with industrial arts teachers, (2) high school visits by faculty, (3) activities of industrial arts majors, (4) career days and related activities, (5) project contests, and (6) contacts with high school counselors. Some of the 18 advantageous reasons for students' choosing industrial arts majors were: (1) personal enjoyment of industrial arts activities, (2) satisfactions expected from teaching, (3) contributions to students, (4) enjoyment of young people, (5) fringe benefits and, (6) employment conditions. The student questionnaire and a checklist of recruitment practices are appended. (EM)

VT 008 621 ED 029 991
Major, Barbara C., And Others
An Analysis of Science Prerequisite Course Work for Home Economics Education Majors. Final Report.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$4.40 OEG-4-7-063046-1612 08
BR-6-3046
Pub Date - Jan69 86p.

*TEACHER EDUCATION CURRICULUM; *HOME ECONOMICS EDUCATION; *CURRICULUM RESEARCH; *SCIENCE INSTRUCTION; SCIENTIFIC PRINCIPLES; QUESTIONNAIRES; FOLLOWUP STUDIES; *RELEVANCE (EDUCATION); UNDERGRADUATE STUDY; SCHOOL SURVEYS; TEACHER ATTITUDES; DEGREE REQUIREMENTS

Science requirements in home economics undergraduate programs and contributions of science courses to home economics classroom teaching were investigated. Following a review of related literature, college catalogs were surveyd to determine what proportion of American home economics departments required chemistry courses to obtain a bachelor's degree in home economics education. A questionnaire to determine: (1) course work required in the exact sciences, (2) classroom use made of background knowledge gained from the exact science area, and (3) recommendations for curriculum change was developed and administered to 356 graduates of Oregon State University and Texas Technological College where chemistry was not a requirement, and to all the home economics teachers in the state of Utah. Results were compiled into tables of percentages for comparison. Conclusions were: (1) Most colleges and universities required chemistry for home economics education teachers, (2) Chemistry was found useful but not directly applicable to classroom teaching, (3) More emphasis on behavioral sciences was desired by home economics education majors. A bibliography, and instruments used in the study are appended. (FP)

VT 008 652 ED 029 995
Pratzner, Frank C.; Hanson, Marjory
The Relative Effectiveness of Two Ways of Structuring and Presenting Pre-Service and Initial In-Service Vocational-Industrial Teacher Education Lessons.

Minnesota Research Coordinating Unit in Occupational Education, Minneapolis
EDRS PRICE MF-$0.25 HC-$1.10
Pub Date - Apr69 20p.

*METHODS RESEARCH; *TEACHING METHODS; *TEACHER EDUCATION; LECTURE; INSTRUCTIONAL MEDIA; VOCATIONAL EDUCATION; IN SERVICE TEACHER EDUCATION; BEGINNING TEACHERS; *TRADE AND INDUSTRIAL TEACHERS; *PRESERVICE EDUCATION; CONTROL GROUPS; EXPERIMENTAL GROUPS; AUDIOVISUAL INSTRUCTION; TEACHER ORIENTATION; PROGRAM EFFECTIVENESS

The relative effectiveness of two ways of structuring and presenting 24 clock hours of preservice and initial inservice vocational-industrial teacher education lessons was determined by comparing: (1) an integrated lecture-discussion course presented by qualified vocational-industrial teacher educator, with (2) a packaged course consisting of 16 mm sound film presentations followed by group discussions (with related guides and materials). The sample of 30 prospective teachers was randomly enrolled in either a summer or fall section of the course, which subsequently was divided into experimental and control groups. Several statistical analyses were applied to the data. While subjects in the film-discussion groups showed consistent and statistically superior performance on the criterion tests, these differences were not reported as being educationally significant. However, the film-discussion appears to be a more efficient method of instruction since it provides for consistency of presentation with a degree of adaptability and flexibility in discussion and has probable economic and convenience advantages. (CH)

VT 008 658
Multiple-Class Teaching Procedures Used in Small Group Experimental Business Education Classes.

New York State Education Dept., Albany. Bureau of Business and Distributive Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 64 19p.

*BUSINESS EDUCATION; *BUSINESS EDUCATION TEACHERS; *SMALL SCHOOLS; *MULTIGRADED CLASSES; *TEACHING METHODS; SMALL GROUP INSTRUCTION

A variety of teaching procedures were used in an experimental effort to broaden the business subject offerings and improve the quality of business education in several schools in New York state which employed 2 or less full-time business teachers. Some of these were: (1) utilizing correspondence instruction to increase the number of offerings, (2) developing more flexible schedules in order to take care of exceptional cases, transfers, and other problems, (3) developing the concept and utilization of noncertified people as school aids in order to provide assistance for teachers, principals, and other school personnel, (4) sharing educational services, and (5) developing multiple class instruction where two or more areas are taught to two or more different groups, in the same classroom at the same time by one teacher. Discussed in the document are: (1) advantages of multiple classes to pupils, and to administration and guidance, (2) learner guides, (3) some examples of multiple classes, (4) school aids, (5) supervised correspondence courses and materials, (6) considerations prior to experimentation, and (7) some hints to teachers. A selected bibliography is appended. (MM)

VT 008 661 ED 029 996
Gibbs, Jeffrey L.
The Education, Sources and Recruitment of Wisconsin Vocational-Technical Teachers.

EDRS PRICE MF-$0.75 HC-$8.05
Pub Date - 69 159p.

*VOCATIONAL EDUCATION TEACHERS; *POST SECONDARY EDUCATION; *TEACHER CHARACTERISTICS; *EMPLOYMENT PRACTICES; *STATE SURVEYS; TEACHER RECRUITMENT; OCCUPATIONAL MOBILITY; INFORMATION SOURCES; EDUCATIONAL STATUS COMPARISON; STAFF UTILIZATION; QUESTIONNAIRES; TEACHER DISTRIBUTION; TEACHER EMPLOYMENT; TEACHER ROLE WISCONSIN

The study attempts to: (1) inventory the characteristics of all current full time post-high school vocational teachers in Wisconsin, and (2) learn something about the labor market mechanisms of the post-high school vocational teacher labor market. The population to be studied consisted of approximately 1,550 full-time teachers and administrators. Data were collected by questionnaires: 1,079 (70 percent) teachers responded, and 24 (83 percent) full-time directors of day vocational, technical, and adult education schools responded. The findings from this study provide baseline information on teacher characteristics and are grouped into the following six main categories: (1) general characteristics, (2) educational status, (3) utilization and utilization change, (4) source, (5) mobility, and (6) recruitment. (CH)

VT 008 714 ED 030 734
Koenigsberg, Lewis A.; Reilly, Robert R.
An Investigation of the Reliability and Validity of Selected Occupational Competency Examinations and Their Use in Evaluating Prospective Trade and Industrial Teachers. Final Report.

State Univ. of New York, Oswego. Div. of Vocational Technical Education
New York State Education Dept., Albany. Bureau of Occupational Education Research
EDRS PRICE MF-$0.25 HC-$2.35
BOR-8
Pub Date - Jun68 45p.

*TRADE AND INDUSTRIAL TEACHERS; OCCUPATIONAL TESTS; TEST CONSTRUCTION; *TEST RELIABILITY; *TEST VALIDITY; ITEM ANALYSIS; *PERFORMANCE TESTS; CERTIFICATION; MACHINISTS; AUTO MECHANICS (OCCUPATION); COSMETOLOGY; *TEACHER QUALIFICATIONS
*NEW YORK STATE EDUCATION DEPARTMENT

A 2-year investigation was initiated to determine the reliability and validity of the New York State competency tests used in selecting candidates for teacher preparation in the trade and industrial programs. The three most widely used tests--auto mechanics, cosmetology, and machine shop--were selected for investigation and further revision. Several statistical approaches were employed to test reliability of the written tests. Some findings were: (1) The mean difficulty of items was within the range considered acceptable, (2) The mean point biserial was lower for all tests than generally recommended, (3) The variability of difficulty levels was extremely high. On performance tests, comparison between judges rating applicants on performance showed a high relationship and intercorrelations among sub-scores were high. Qualified individuals were used to determine whether items reflect the important aspects of knowledge or skill the tests were designed to measure, and the relationship between examination scores and actual experience in the occupation was examined. Recommendations included: (1) pooling test data from all parts of the state, and (2) a plan for systematic review and updating. (JK)

VT 008 747 ED 030 740
Howe, Nancy M.
A Study of Wyoming Business Education Teachers' Knowledge and Understanding of Vocational Education. Final Report.

Wyoming Research Coordinating Unit in Vocational Education, Cheyenne
EDRS PRICE MF-$0.25 HC-$2.95
Pub Date - Jun69 57p.

*BUSINESS EDUCATION TEACHERS; *TEACHER EVALUATION; *KNOWLEDGE LEVEL; *VOCATIONAL EDUCATION; *FEDERAL PROGRAMS; TEACHER QUALIFICATIONS; STATE SURVEYS; TABLES (DATA); QUESTIONNAIRES
WYOMING

This study was designed and conducted to obtain data regarding business education teachers' knowledge, needs, and interest in vocational education, specifically federally reimbursed vocational business and office occupations programs. The sample consisted of 142 secondary business education teachers in 82 Wyoming schools, which varied in enrollment from less than 50 students to over 300 students in both 3- and 4-year programs. Data was collected by questionnaire which included questions related to the school system and to teacher preparation. The questionnaire was designed to be answered from the teachers own knowledge and was not intended to require any research. The findings reveal that: (1) 76 percent of the respondents said that they were not vocationally certified, did not know that they were vocationally certified, or did not answer the question, (2) 31 percent of the respondents indicated that they had less than 1 year of office related work experience, (3) When asked if they were presently teaching in a federally reimbursed program, 55 percent said they were not, 22 percent indicated that they did not know, and 7 percent did not respond to the question. It was concluded that a high percent of teacher's lack vocational knowledge. (CH)

VT 008 749 ED 030 741
Bryant, C. Douglas; Bright, Melvin C.
Relevant Others of Beginning Teachers of Vocational Agriculture. Research Series No. 4.

North Carolina Univ., Raleigh. N.C. State Univ. Dept. of Agricultural Education
North Carolina Research Coordinating Unit in Occupational Education, Raleigh
EDRS PRICE MF-$0.25 HC-$1.20
School of Education, North Carolina State University, Raleigh, North Carolina 27607 (no charge).
Pub Date - 67 22p.

*VOCATIONAL AGRICULTURE TEACHERS; VOCATIONAL AGRICULTURE; *SOCIAL INFLUENCES; *RELATIONSHIP; ENVIRONMENTAL INFLUENCES; *SOCIAL PSYCHOLOGY; TEACHER ASSOCIATIONS; BEHAVIOR STANDARDS; *BEGINNING TEACHERS
*RELEVANT OTHERS

To determine the relevant others of first- and second-year teachers of vocational agriculture, a study was conducted to discover: (1) Do first-year teachers see their co-workers more highly as a relevant other than do second-year teachers, (2) Do second-year teachers have different relevant others than first-year teachers, and (3) Do first-year teachers in single-teacher departments have the same relevant others as first-year teachers in multiple-teacher departments. "Relevant others" was assumed to depict the relationship of an individual to various groups to which the individual related himself or aspires to relate himself psychologically. The 30 beginning teachers of vocational agriculture in North Carolina in 1966 listed in order of importance five individuals who most influenced what they do as teachers. First-year teachers in single teacher departments ranked their first five relevant others as principal, other agriculture teachers, school board member, teacher trainer and district supervisor, whereas first-year teachers in multiple teacher departments ranked them as co-worker, principal, teacher trainer, district supervisor and other agriculture teachers. Second-year teachers listed co-worker, teacher trainer, other agriculture teachers, principal, and extension workers. (DM)

VT 009 254 ED 033 214
Holmen, Holger Emanuel
Professional Problems of Trade and Technical Education Teachers in the Fifteen Area Post-Secondary Schools of Iowa with Implications for In-Service Teacher Education.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 69 139p.

STATE SURVEYS; *TEACHERS; *PROBLEMS; *TRADE AND INDUSTRIAL EDUCATION; *TECHNICAL EDUCATION; POST SECONDARY EDUCATION
IOWA

To ascertain the professional problems of teachers of trade and technical education and to solicit opinions regarding probable causes, 103 Iowa post-secondary trade and technical teachers and their 26 immediate supervisors were interviewed. Some findings were: (1) 37 percent of the teachers had no formal education beyond high school; almost 17 percent were college graduates, (2) 7.8 percent had served a formal indentured apprenticeship, (3) 35 percent had 20 or more years of trade experience and only 4 percent had had less than 5 years, and (4) The teacher spent an average of 27.5 hours per week in classroom and laboratory activities. Problems and perceived causes were classified as relating to: (1) teaching and evaluation, (2) working with others, including making the transition from industry, and motivating students, and (3) facilities. Some primary causes indicated were inadequate time, teaching experience, educational preparation, inservice training, materials, and facilities. This Ed.D. dissertation was submitted to the University of Missouri. (JK)

VT 010 415
McDowell, L.C., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 8-9, 1969).

American Vocational Association, Washington, D.C. Industrial Arts Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 54p.

*INDUSTRIAL ARTS; *SPEECHES; TECHNICAL EDUCATION; *TEACHER EDUCATION; *CONFERENCES; PROGRAM DESCRIPTIONS
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This grouping of addresses given at the 63rd Annual Vocational Convention, Industrial Arts Education Division of the American Vocational Association, includes: (1) "Trade and Industrial Teacher Education in the 1970's" by L.C. McDowell, (2) "Undergraduate Teacher Education for Industrial Arts Personnel for the 1970's" by W.P. Spence, (3) "Technical Teacher--1970's; A Proposed Program" by C.O. Whitehead, (4) "Graduate Education in Industrial Arts During the Seventies" by D.W. Morgan, and (5) "A Guide to Improving Instruction in Industrial Arts--A Rationale for Its Use" by F.D. Kagy. (GR)

VT 010 431
Thyberg, Vera M., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 5-9, 1969).

American Vocational Association, Washington, D.C. Trade and Industrial Education Div.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - Dec69 59p.

*TRADE AND INDUSTRIAL EDUCATION; *SPEECHES; *TEACHER EDUCATION; *CONFERENCES; CLUBS; SYNTHESIS; TEACHER IMPROVEMENTS; INSTITUTES (TRAINING PROGRAMS)
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969)

This grouping of addresses given at the 63rd Annual Vocational Convention, Division of Trade and Industrial Education of the American Vocational Association includes: (1) "How V.I.C.A. Motivates Teachers and Students" by V.M. Thyberg, (2) "How Professional Improvement Institutes for Teachers are Improving Instruction" by A. McCarthy, (3) "New Opportunities for State Supervisors of Trade and Industrial Education to Serve Persons of All Ages in All Communities of the State" by F.E. Briley, (4) "Review and Synthesis of Research in Trade and Industrial Education" by C.J. Schaefer, (5) "The Teacher Institute; A Projection of Teacher Education for the '70's" by D.V. Brown, and (6) "Toward a New Sense of Social Responsibility" by F.E. Marsh, Jr. (GR)

VT 010 446
Baca, Sylvester A., And Others
Speeches Presented at the Annual Vocational Convention of the American Vocational Association (63rd, Boston, Massachusetts, December 8, 1969).

American Vocational Association, Washington, D.C. Teacher Education Dept.
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 8Dec69 29p.

*SPEECHES; *CURRICULUM PLANNING; *FEDERAL LEGISLATION; *INSERVICE EDUCATION; *MINORITY GROUPS; EDUCATIONAL LEGISLATION; RURAL POPULATION; DISADVANTAGED GROUPS; MODELS; EDUCATIONAL OBJECTIVES
*ANNUAL AMERICAN VOCATIONAL ASSOCIATION CONVENTION (63RD, BOSTON, MASSACHUSETTS, DECEMBER 6-9, 1969); EDUCATION PROFESSIONS DEVELOPMENT ACT; EDPA

Speeches presented at the teacher education departmental meetings include "The Rural Poor and E.P.D.A.," by Sylvester A. Baca; "Predominantly Black Southern Colleges and the Education Professions Development Act," by Clyde W. Hall; and "A Model for Curriculum Planning," by William B. Logan. (CH)

TEACHING
AND LEARNING
SECTION

VT 002 124
Salerno, Albert
An Evaluative Report on the Programed Learning Center, Mahoning Valley Vocational School Experimental Project, 1965-1966.

Mahoning Valley Vocational School, Vienna, Ohio
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 66 67p.

*BIBLIOGRAPHIES; *PROGRAMED MATERIALS; PROGRAM EVALUATION; *PROGRAM DESCRIPTIONS; STUDENT PARTICIPATION; *VOCATIONAL EDUCATION; *PROGRAMED INSTRUCTION; VOCATIONAL SCHOOLS
PROGRAMED LEARNING CENTER; MAHONING VALLEY VOCATIONAL SCHOOL

The Center was established as an experiment in designing a complete educational program for each student at his own achievement level, and to help bridge the gap between basic education and vocational education. A brief sketch of the philosophy and procedures of The Center are given as well as tables furnishing data on: (1) 1965-66 student progress, (2) vocational areas, (3) completed courses, (4) courses dropped, and (5) courses incomplete because of graduation or school termination. A list of 246 programs and evaluations by students and directors are included. (EM)

VT 002 159
Reports from Some Vocational Home Economics Programs in the State. Curriculum Development, no. 9.

Oklahoma State Dept. of Education, Oklahoma City
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 67 13p.; Presentation at Meeting for Oklahoma Vocational Home Economics Teachers (January 7, 1967).

*HOME ECONOMICS EDUCATION; HOME ECONOMICS TEACHERS; COMMUNITY RESOURCES; *INSTRUCTIONAL INNOVATION; *HIGH SCHOOLS; OCCUPATIONAL HOME ECONOMICS; HOMEMAKING EDUCATION; *PROGRAM DESCRIPTIONS; PROGRAM DEVELOPMENT
OKLAHOMA

The reports from secondary teachers of home economics reveal some of their programs and special efforts for innovative ideas in Oklahoma. Topics covered were: (1) Starvation without Hunger, (2) Playschool Highlights, (3) Money Management Units, (4) F.H.A. Family Night, (5) Nutrition Education, (6) Child Care Through Occupational Home Economics Programs, (7) Family Finance, (8) Family Living Classes for Boys and Girls, (9) Family Living Survey, and (10) PTA Programs for Parents and Teens. (MS)

VT 007 963 ED 029 110
McDaniel, Lucy V.
Programmed Instruction for Aides in Physical Therapy. Final Report.

Rancho Los Amigos Hospital, Inc., Downey, Calif.
Social and Rehabilitation Service (DHEW), Washington, D.C.
EDRS PRICE MF-$0.50 HC-$3.05 RD-1712-M-66-C1
Pub Date - Oct68 59p.

*HEALTH OCCUPATIONS EDUCATION; *PROGRAMED INSTRUCTION; *PHYSICAL THERAPY AIDES; *TEACHING METHODS; *METHODS RESEARCH; CURRICULUM; PHYSICAL THERAPY; CURRICULUM DEVELOPMENT; TEST CONSTRUCTION; PROGRAM DEVELOPMENT; PROGRAM EVALUATION; ACHIEVEMENT TESTS

The purpose of this project was to develop an effective, efficient, standard method of training aides using programed instruction. A 2-month curriculum which had been established in the Los Angeles County Hospitals in 1962 was refined and objectives were specified in behavioral terms. Programed instruction materials were written for the knowledge aspects of the course, and tests were developed to evaluate the effectiveness of the curriculum and the materials. The November 1967 class of trainees who participated in the demonstration project were compared with trainees of 1963 who had had formal group training but no programed instruction and with a group trained in 1961 or before with on-the-job training only. The test results indicated that those who had had formal training attained more knowledge than those with on-the-job training only. There was no significant difference between formal group training without programed instruction and formal group training with programed instruction. However, the latter required 35 percent less instructor time. It is recommended that programed instruction be integrated into formal training programs because it conserves instructor time, provides for flexible scheduling for large or small groups, and aids in standardizing content. Appendixes include a sample test, a curriculum outline, a day-by-day program schedule, and a rating scale. (JK)

VT 007 990
Mietus, Walter S.
An Experiment in the Development of Creative Thinking and Its Effect on Selected Cognitive, Affective and Psychomotor Behaviors of Students in High School Industrial Arts Courses.

MF AVAILABLE IN VT-ERIC SET.
Pub Date - Feb69 19p.; Speech presented at American Educational Research Association Conference Session Number 17.9 (Los Angeles, Feb. 1969).

SPEECHES; *INDUSTRIAL ARTS; *DRAFTING; GRADE 10; *EXPERIMENTAL CURRICULUM; CURRICULUM DEVELOPMENT; DOCTORAL THESES; CURRICULUM EVALUATION; EDUCATIONAL RESEARCH; *CREATIVITY; CREATIVE DEVELOPMENT; CREATIVITY RESEARCH; *CREATIVE THINKING; *COGNITIVE ABILITY; AFFECTIVE BEHAVIOR; PSYCHOMOTOR SKILLS

A dissertation study was conducted to develop and evaluate a course to stimulate students needing an opportunity for creative expression. The four major phases were: (1) the development of a 10th grade industrial arts drafting course designed to nurture creative, productive thinking, (2) the selection and training of teachers, (3) the construction and pilot testing of a test of creative abilities, and (4) a 16-week experiment to test the differences between the new and old courses on selected cognitive, affective, and psychomotor behaviors of 250 students. Five industrial methods for enhancing creative ideation were integrated in appropriate course units, these were (1) the attribute listing technique, (2) synectics, (3) hypothetical situations, (4) brainstorming, and (5) the forced relations method. Findings included: (1) Creative thinking of the experimental group was significantly better than the control group, (2) Achievement for the two groups was not significantly different, (3) Femininity, flexibility, and dominance scores on the California Psychological Inventory (CPI) were significantly higher for the experimental group, and conformance and self-acceptance scores were significantly higher for the control group, (4) There was no difference on independence scores (CPI) between groups, and (5) Linguistic abilities rather than quantitative abilities predicted creative abilities. (EM)

VT 008 366 ED 029 967
Alschuler, Alfred, And Others
How to Develop Achievement Motivation: A Course Manual for Teachers. Interim Report (First Draft). Section 2.

Achievement Motivation Development Project, Cambridge, Mass.
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$0.75 HC-$9.80 OEG-0-8-071231-1747 08
BR-7-1231
Pub Date - Feb69 194p.

INSTRUCTIONAL INNOVATION; *STUDENT MOTIVATION; *COURSE CONTENT; *LITERATURE REVIEWS; INSTRUCTIONAL MATERIALS; CASE STUDIES (EDUCATION); EDUCATIONAL GAMES; ROLE PLAYING; *LEARNING MOTIVATION; MOTIVATION TECHNIQUES; ACADEMIC ACHIEVEMENT; EDUCATIONAL ENVIRONMENT; SELF ACTUALIZATION; DEVELOPMENTAL PROGRAMS; TEACHER WORKSHOPS; COURSE DESCRIPTIONS; *INSERVICE TEACHER EDUCATION
ACHIEVEMENT MOTIVATION DEVELOPMENT PROJECT

This teacher's manual grows out of a major research project that is attempting to discover the most effective methods of increasing motivation of the adolescent. The methods under study are combined into special courses that are given in schools by teachers, not in laboratories by research scientists nor in clinics by psychotherapists. "Pyschological education" is described as a new educational movement of which the achievement motivation course is a part. The history, goals, methods, and rationale for this movement are discussed in some detail. Also, a fairly detailed course outline is provided to suggest how one course was put together. Chapter 2 is a set of instructions and suggestions put together to allow potential motivation course teachers to experience a course themselves. Chapter 3 builds on this experience by providing a review of the research on achievement motivation. Chapter 4 is a detailed, down-to-earth description of what goes in an achievement motivation course for students. The appendixes include an array of games, case studies, and role plays for achievement motivation courses. A related document is VT 008 373 (in this issue). (CH)

VT 008 722 ED 030 735
Finch, Curtis R.
Self-Instructional Methods of Teaching Diagnostic Problem Solving to Automotive Students. Vocational-Industrial Education Research Report.

Pennsylvania State Univ., University Park. Dept. of Vocational Education
Pennsylvania State Dept. of Public Instruction, Harrisburg
EDRS PRICE MF-$0.50 HC-$5.80
Pub Date - Jun69 114p.

*AUTO MECHANICS; EXPERIMENTAL GROUPS; *TEACHING METHODS; STUDENT ATTITUDES; *TECHNICAL EDUCATION; ATTITUDE TESTS; PERFORMANCE TESTS; ACHIEVEMENT TESTS; *PROBLEM SOLVING; AUTOINSTRUCTIONAL METHODS; *EXPERIMENTAL TEACHING

The objective of this study was to investigate the effects of three methods of teaching diagnostic problem-solving (troubleshooting) to automotive students. The sample consisted of 45 community college students enrolled in automotive courses. Initially, all students received a presentation on ignition principles, and the Otis Mental Ability Test was administered to establish a covariate. Individuals were then assigned to treatment groups in equipment oriented instruction, textbook oriented instruction, or programed instruction. Following the treatments each student completed an attitude inventory, knowledge test, and a troubleshooting performance test. Analysis of covariance solutions indicated no significant differences existed in troubleshooting knowledge or attitude toward instruction. The equipment oriented treatment group required the shortest instructional time and its troubleshooting performance was significantly (.01 level) better than the other two groups. It was concluded that programed or text oriented methods were most effective for knowledge learning and equipment oriented methods were most effective for performance learning. Sample instructional materials and the instruments are appended. (EM)

VT 009 054 ED 031 591
Ilott, John Frederick David
Individual Project or Mass Production, An Experimental Comparison in Industrial Arts.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 69 370p.

*INDUSTRIAL ARTS; *TEACHING METHODS; *INDIVIDUAL INSTRUCTION; GROUPING (INSTRUCTIONAL PURPOSES); *EXPERIMENTAL TEACHING; GRADE 8; PROJECT TRAINING METHODS; QUESTIONNAIRES; DOCTORAL THESES; *METHODS RESEARCH; MASS PRODUCTION; COMPARATIVE ANALYSIS; STUDENT ATTITUDES; PRETESTING; POST TESTING; ACADEMIC ACHIEVEMENT; INSTRUCTIONAL DESIGN; ACHIEVEMENT TESTS; ATTITUDE TESTS; INSTRUCTIONAL MATERIALS

Two laboratory instructional approaches, individual project and mass production methods, were compared to determine their relative effectiveness in developing student understanding of industry in industrial arts. It was hypothesized that knowledge of tools, operations, industrial organization, and materials of industry could be taught as effectively in terms of student behavioral change by the mass production instructional approach as by the individual project instructional approach. The experiment involved four teachers and eight classes of grade 8 metalwork students for 15 school days--each day having a 50-minute period of instruction for industrial arts. The Iowa Tests of Basic Skills were used to divide students into high, middle and low achievement groups. Pretest scores on each criterion measure were used as the covariance on two factor analyses of covariance performed with project data. Within each instructional approach some peculiarity in the pattern of scores and the criterion measures were observed; however, no significant differences were found between the two instructional approaches. This Ph.D. dissertation was submitted to the University of Missouri. (CH)

VT 009 183 ED 033 208
Papp, Alexander George
A Comparison of Two Approaches to Teaching Orthographic Projection at the College Level.

DOCUMENT NOT AVAILABLE FROM EDRS.
University Microfilms, Inc., 300 North Zeeb Road, Ann Arbor, Michigan 48106.
Pub Date - 69 181p.

CURRICULUM; *INDUSTRIAL ARTS; DOCTORAL THESES; BIBLIOGRAPHIES; PROBLEM SOLVING; *TEACHING PROCEDURES; *EXPERIMENTAL GROUPS; *DRAFTING; ORTHOGONAL PROJECTION; RESEARCH METHODOLOGY; *TEACHER EDUCATORS

The purpose of this study was to ascertain whether or not the whole method or the part method of solving orthographic projection problems made any significant difference in student performance scores, and more specifically, to ascertain the relative effectiveness of these two approaches on seven criterion variables.

The research design was quasi-experimental: two laboratory instructors each taught an experimental and a control group in engineering drawing, with all groups utilizing identical laboratory problems, homework assignments and attending the same weekly lecture for 4 weeks. It was concluded that no significant difference was demonstrated by either of the two instructional approaches in achievement, ability to solve graphic problems, ability to understand technical information, ability to understand spatial relations, or in influencing student attitude toward the course. This Ed.D. dissertation was submitted to The University of Missouri. (GR)

VT 009 488   ED 033 229
Ruddle, Eleanor S.
The Sight Method of Teaching Typewriting Technique and Keyboard. Final Report.

Fairfax County Public Schools, Va.
Office of Education (DHEW), Washington, D.C. Bureau of Research
EDRS PRICE MF-$0.25 HC-$1.55   OEG-3-9-09006-0019(010)   24
BR-9-C-006
Pub Date - Aug69 29p.

OFFICE OCCUPATIONS EDUCATION; *TYPEWRITING; CONTROL GROUPS; EXPERIMENTAL GROUPS; *TEACHING METHODS; *EDUCATIONAL RESEARCH

The purpose of the study was to test the hypothesis that students who watch their fingers in the beginning weeks of typewriting instruction will develope better techniques as shown on tests of speed and accuracy at the end of the school year than students who watch only their copy in accordance with the conventional teaching method. The major experimental and control groups consisted of 56 sophomore students matched individually by age, sex, grade average, and intelligence quotient. After the second quarter, the remaining students who could not be individually matched were used as additional experimental and control groups of 51 students each. Although the experiment failed to confirm the hypothesis in terms of gross speed there were differences significant at the 1 percent level in terms of net speed on the basis of errors in the timed writing in favor of both experimental groups. A strong relationship was found between the control variables and gross speed but not between the control variables and errors or net words. The results of this research indicate that the sight method merits trial by teachers. (JK)

OTHER
RESOURCES
SECTION

VT 007 420
Hirshfeld, Marvin; Sassaman, William F.
An Annotated Bibliography of Periodical Literature Pertaining to Distributive Education, 1962-1968.

Temple Univ., Philadelphia. Pa. Dept. of Distributive Education
MF AVAILABLE IN VT-ERIC SET.
Pub Date - 68 64p.

*DISTRIBUTIVE EDUCATION; *ANNOTATED BIBLIOGRAPHIES; *PERIODICALS

This annotated bibliography of periodical literature in distributive education, 1962-1968, was assembled to serve as reference and resource material for professional workers in the field of distributive education. Only periodicals that feature or carry articles regularly on distributive education were included. The material is presented under 34 areas, some of which are: (1) Adult Distributive Education, (2) Area Vocational Schools, (3) Audio-Visual Materials, (4) Automation, (5) Cooperative Programs, (6) Equipment and Facilities, (7) Instructional Methods, (8) Marketing, (9) Public Relations, (10) Research, and (11) Teacher Recruitment. (MM)

VT 008 683
Law Enforcement Education Directory, 1968-1969.

International Association of Chiefs of Police, Inc., Washington, D.C. Professional Standards Div.
MF AVAILABLE IN VT-ERIC SET.
International Association of Chiefs of Police, 1319 18th Street, N.W., Washington, D.C. 20036.
Pub Date - 69 16p.

*DIRECTORIES; *COLLEGE PROGRAMS; *LAW ENFORCEMENT; *POLICE

This directory of institutions offering degree programs in law enforcement is based on questionnaire data and other information. It lists 199 associate degree programs, 44 baccalaureate degree programs, 13 master's degree programs and five doctoral degree programs in the 50 states plus Guam and the Virgin Islands. The 234 programs are listed by state or territory and college, address, and type of degree. (EM)

VT 010 430 ED (See Jun '70 RIE)
Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Winter 1969.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$1.00 HC-$13.30
ERIC Clearinghouse for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 (quarterly--Fall, Winter, Spring, Summer, $9.00 per year).
Pub Date - 69 264p.

*ANNOTATED BIBLIOGRAPHIES; INFORMATION DISSEMINATION; INDEXES (LOCATERS); *EDUCATIONAL RESEARCH; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; CLEARINGHOUSES; RESOURCE MATERIALS

This quarterly publication announces the availability of documents acquired and processed by the Educational Resources Information Center (ERIC) Clearinghouse on Vocational and Technical Education. It contains abstracts of research and other materials which are useful to researchers, supervisors, teacher educators, education specialists, administrators, teachers, and others who have an interest in vocational and technical education. The abstracts are organized by topical groupings: (1) Administration and Supervision, (2) Curriculum, (3) Employment and Occupations, (4) Evaluation and Measurements, (5) Facilities and Equipment, (6) Individuals with Special Needs, (7) Instructional Materials and Devices, (8) Philosophy and Objectives, (9) Research Design, Development and Utilization, (10) Students, Occupational Guidance and Other Student Personnel Services, (11) Teachers and Teacher Education, (12) Teaching and Learning, and (13) Other Resources. Indexes provide an approach to the abstracts by (1) personal and institutional authors, (2) document accession number with a table showing ED numbers for documents available through the ERIC Document Reproduction Service, (3) vocational and supporting services, and (4) subjects. Documents which do not have an individual ED number are available in a separate microfiche set from the ERIC Document Reproduction Service (VT 010 464, in this issue). (CD)

VT 010 464 ED (See Jun '70 RIE)
Microfiche Collection of Clearinghouse Documents Reported in Abstracts of Research and Related Materials in Vocational and Technical Education (ARM), Winter 1969.

Ohio State Univ., Columbus. Center for Vocational and Technical Education
Office of Education (DHEW), Washington, D.C.
EDRS PRICE MF-$31.75 HC NOT AVAILABLE FROM EDRS.
Pub Date - 69 8,811p.

*INDEXES (LOCATERS); *EDUCATIONAL RESEARCH; *VOCATIONAL EDUCATION; *TECHNICAL EDUCATION; CLEARINGHOUSES; RESOURCE MATERIALS; *ANNOTATED BIBLIOGRAPHIES; INFORMATION DISSEMINATION

Documents announced with VT numbers only in the Winter 1969 issue (VT 010 430, in this issue) of "Abstracts of Research and Related Materials in Vocational and Technical Education" (ARM) are included in this microfiche set. Microfiche availability for these documents is shown on the ARM resume as MF AVAILABLE IN VT-ERIC SET. The microfiche set is arranged in the following sequence: (1) a Vocational Technical (VT) number index to documents in the microfiche collection, (2) the author index, the vocational and supporting services index, and the subject index from ARM, and (3) the full text of documents listed in the VT number index. The texts are filmed continuously in VT number sequence. (CD)

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[1] This index is cumulated annually beginning with the Fall issue of ARM.

[2] Any document with an MP number is available from EDRS by using the appropriate MP number.

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VT 007 136	ED 026 498	VT 007 480	ED 025 647	VT 007 755	ED 030 712
VT 007 138	ED 024 807	VT 007 482	ED 025 648	VT 007 756	ED 026 529
VT 007 146	ED 025 631	VT 007 483	ED 028 256	VT 007 759	ED 029 954
VT 007 160	ED 023 899	VT 007 486	ED 025 649	VT 007 762	ED 027 406
VT 007 165	ED 023 901	VT 007 489	ED 025 651	VT 007 764	ED 028 263
VT 007 171	ED 026 499	VT 007 491	ED 026 510	VT 007 765	ED 028 264
VT 007 180	ED 022 969	VT 007 493	ED 024 826	VT 007 767	ED 027 407
VT 007 181	ED 023 903	VT 007 497	ED 026 511	VT 007 769	ED 029 099
VT 007 184	ED 029 089	VT 007 500	ED 026 513	VT 007 771	ED 027 408
VT 007 185	ED 023 904	VT 007 503	ED 028 257	VT 007 772	ED 029 101
VT 007 199	ED 023 906	VT 007 504	ED 027 393	VT 007 774	ED 026 530
VT 007 202	ED 024 808	VT 007 513	ED 027 394	VT 007 781	ED 026 532
VT 007 205	ED 030 710	VT 007 530	ED 024 827	VT 007 784	ED 027 409
VT 007 207	ED 024 809	VT 007 532	ED 029 952	VT 007 787	ED 029 102
VT 007 208	MP 000 708	VT 007 542	ED 026 515	VT 007 803	ED 027 410
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VT 007 214	ED 023 907	VT 007 546	ED 026 516	VT 007 808	ED 029 104
VT 007 221	ED 026 501	VT 007 550	ED 024 828	VT 007 816	ED 026 535
VT 007 230	ED 029 090	VT 007 551	ED 029 095	VT 007 817	ED 026 536
VT 007 232	ED 033 187	VT 007 565	ED 028 258	VT 007 818	ED 029 105
VT 007 239	ED 024 810	VT 007 566	ED 025 655	VT 007 825	ED 026 537
VT 007 246	ED 023 911	VT 007 571	ED 025 656	VT 007 826	ED 027 411
VT 007 254	ED 023 914	VT 007 572	ED 025 657	VT 007 836	ED 026 539
VT 007 255	ED 023 915	VT 007 573	ED 026 519	VT 007 837	ED 027 412
VT 007 262	ED 026 502	VT 007 576	ED 026 520	VT 007 841	ED 027 413
VT 007 266	ED 025 633	VT 007 579	ED 026 521	VT 007 842	ED 027 414
VT 007 286	ED 027 387	VT 007 580	ED 024 830	VT 007 854	ED 027 415
VT 007 307	ED 026 503	VT 007 582	ED 025 658	VT 007 869	ED 020 387
VT 007 317	ED 028 252	VT 007 585	ED 032 391	VT 007 870	ED 027 416
VT 007 318	ED 027 389	VT 007 589	ED 025 659	VT 007 871	ED 027 417
VT 007 320	ED 029 091	VT 007 611	ED 025 661	VT 007 872	ED 029 107
VT 007 322	ED 025 634	VT 007 612	ED 026 522	VT 007 872	ED 020 390
VT 007 327	ED 029 092	VT 007 616	ED 025 662	VT 007 873	ED 026 540
VT 007 332	ED 024 811	VT 007 618	ED 024 831	VT 007 874	ED 027 418
VT 007 343	ED 025 635	VT 007 619	ED 024 832	VT 007 875	ED 027 419
VT 007 348	ED 024 812	VT 007 620	ED 024 833	VT 007 876	ED 027 420
VT 007 353	ED 026 506	VT 007 621	ED 024 834	VT 007 877	ED 028 267
VT 007 362	ED 027 390	VT 007 622	ED 024 835	VT 007 880	ED 028 269
VT 007 365	ED 024 813	VT 007 623	ED 024 836	VT 007 884	ED 029 957
VT 007 366	ED 023 923	VT 007 624	ED 024 837	VT 007 885	ED 028 270
VT 007 372	ED 023 928	VT 007 625	ED 025 663	VT 007 886	ED 029 958
VT 007 373	ED 023 929	VT 007 626	ED 024 838	VT 007 894	ED 029 108
VT 007 378	ED 023 934	VT 007 627	ED 027 395	VT 007 895	ED 029 959
VT 007 380	ED 024 814	VT 007 628	ED 024 839	VT 007 896	ED 033 189
VT 007 381	ED 025 636	VT 007 629	ED 025 664	VT 007 900	ED 028 271
VT 007 382	ED 025 637	VT 007 630	ED 024 840	VT 007 902	ED 028 272
VT 007 383	ED 027 391	VT 007 631	ED 027 396	VT 007 903	ED 028 273
VT 007 389	ED 025 638	VT 007 632	ED 025 665	VT 007 904	ED 028 274
VT 007 414	ED 023 935	VT 007 636	ED 029 096	VT 007 916	ED 029 109
VT 007 418	ED 028 254	VT 007 638	ED 025 669	VT 007 918	ED 026 543
VT 007 419	ED 025 639	VT 007 652	ED 025 670	VT 007 923	ED 027 424
VT 007 422	ED 024 815	VT 007 658	ED 029 097	VT 007 950	ED 027 427
VT 007 432	ED 028 255	VT 007 660	ED 025 671	VT 007 952	ED 027 428
VT 007 435	ED 031 553	VT 007 675	ED 029 098	VT 007 953	ED 027 429
VT 007 450	ED 024 817	VT 007 679	ED 026 523	VT 007 963	ED 029 110
VT 007 451	ED 024 818	VT 007 684	ED 027 398	VT 007 964	ED 030 713
VT 007 452	ED 024 819	VT 007 694	ED 027 399	VT 007 966	ED 027 430

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VT NUMBERS CONVERTED TO ED NUMBERS OR MP NUMBERS

VT 007 970	ED 027 431
VT 007 989	ED 028 278
VT 007 992	ED 028 279
VT 007 993	ED 027 434
VT 007 998	ED 028 280
VT 008 001	ED 029 111
VT 008 015	ED 027 435
VT 008 024	ED 028 281
VT 008 027	ED 029 113
VT 008 040	ED 033 190
VT 008 050	ED 029 115
VT 008 054	ED 027 436
VT 008 055	ED 028 283
VT 008 062	ED 028 284
VT 008 063	ED 028 285
VT 008 074	ED 008 074
VT 008 076	ED 028 287
VT 008 077	ED 029 117
VT 008 080	ED 029 118
VT 008 083	ED 028 289
VT 008 097	ED 028 291
VT 008 098	ED 029 119
VT 008 100	ED 027 438
VT 008 101	ED 027 439
VT 008 102	ED 027 440
VT 008 105	ED 033 191
VT 008 125	ED 029 962
VT 008 126	ED 029 120
VT 008 133	ED 033 192
VT 008 151	ED 028 295
VT 008 154	ED 028 296
VT 008 165	ED 027 634
VT 008 178	ED 031 561
VT 008 181	ED 029 963
VT 008 188	ED 029 125
VT 008 189	ED 028 299
VT 008 190	ED 028 300
VT 008 201	ED 029 127
VT 008 220	ED 029 128
VT 008 221	ED 029 129
VT 008 246	ED 030 715
VT 008 272	ED 029 132
VT 008 274	ED 029 133
VT 008 277	ED 028 303
VT 008 278	ED 028 304
VT 008 300	ED 029 135
VT 008 318	ED 029 137
VT 008 363	ED 029 965
VT 008 364	ED 029 966
VT 008 366	ED 029 967
VT 008 373	ED 029 139
VT 008 386	ED 029 140
VT 008 389	ED 029 141
VT 008 390	ED 029 142
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VT 008 392	ED 029 144
VT 008 394	ED 029 145
VT 008 395	ED 029 146
VT 008 400	ED 029 968
VT 008 431	ED 031 563
VT 008 432	ED 029 969
VT 008 447	ED 029 971
VT 008 451	ED 028 306
VT 008 455	ED 029 972
VT 008 457	ED 029 973
VT 008 459	ED 029 150
VT 008 487	ED 029 153
VT 008 507	ED 029 154
VT 008 515	ED 029 155
VT 008 516	ED 029 156
VT 008 519	ED 030 719
VT 008 526	ED 030 720
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VT 008 565	ED 029 979
VT 008 573	ED 029 980
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VT 008 586	ED 029 983
VT 008 589	ED 029 984
VT 008 590	ED 029 985
VT 008 591	ED 029 986
VT 008 597	ED 029 987
VT 008 597	ED 029987
VT 008 598	ED 029 988
VT 008 602	ED 031 567
VT 008 614	ED 030 727
VT 008 621	ED 029 991
VT 008 629	ED 029 992
VT 008 639	ED 030 728
VT 008 652	ED 029 995
VT 008 653	ED 030 730
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VT 008 701	ED 029 998
VT 008 712	ED 029 999
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VT 008 722	ED 030 735
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VT 008 747	ED 030 740
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VT 008 775	ED 032 404
VT 008 786	ED 031 571
VT 008 793	ED 031 573
VT 008 799	ED 033 198
VT 008 802	ED 030 002
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VT 008 829	ED 030 749
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VT 008 846	ED 031 575
VT 008 859	ED 030 755
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VT 008 888	ED 030 758
VT 008 924	ED 032 411
VT 008 950	ED 031 582
VT 008 991	ED 031 584
VT 009 005	ED 030 771
VT 009 006	ED 031 586
VT 009 007	ED 031 587
VT 009 032	ED 032 416
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VT 009 085	ED 032 417
VT 009 088	ED 031 597
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VT 009 155	ED 031 598
VT 009 157	ED 031 599
VT 009 168	ED 033 206
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VT 009 183	ED 033 208
VT 009 237	ED 032 422
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VT 009 244	ED 033 211
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VT 009 511	ED 032 436
VT 009 526	ED 033 234
VT 009 546	ED 033 235
VT 009 562	ED 033 236
VT 009 563	ED 033 237
VT 009 564	ED 033 238
VT 009 622	ED 033 247

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ED NUMBERS OR MP NUMBERS CONVERTED TO VT NUMBERS

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MP 000 223	VT 003 754	MP 000 569	VT 006 834	MP 000 656	VT 007 057
MP 000 224	VT 003 755	MP 000 570	VT 006 835	MP 000 657	VT 007 058
MP 000 225	VT 003 756	MP 000 571	VT 006 836	MP 000 658	VT 007 059
MP 000 226	VT 003 757	MP 000 572	VT 006 837	MP 000 659	VT 007 060
MP 000 235	VT 003 814	MP 000 573	VT 006 838	MP 000 660	VT 007 061
MP 000 238	VT 003 817	MP 000 574	VT 006 840	MP 000 661	VT 007 062
MP 000 254	VT 003 842	MP 000 575	VT 006 841	MP 000 662	VT 007 063
MP 000 255	VT 003 843	MP 000 576	VT 006 842	MP 000 663	VT 007 064
MP 000 257	VT 003 845	MP 000 579	VT 006 845	MP 000 665	VT 007 066
MP 000 261	VT 003 849	MP 000 580	VT 006 846	MP 000 666	VT 007 068
MP 000 272	VT 003 860	MP 000 581	VT 006 847	MP 000 667	VT 007 069
MP 000 282	VT 003 873	MP 000 582	VT 006 848	MP 000 668	VT 007 070
MP 000 284	VT 003 875	MP 000 583	VT 006 849	MP 000 669	VT 007 071
MP 000 285	VT 003 876	MP 000 584	VT 006 850	MP 000 670	VT 007 072
MP 000 292	VT 003 883	MP 000 585	VT 006 851	MP 000 671	VT 007 074
MP 000 342	VT 004 179	MP 000 586	VT 006 852	MP 000 672	VT 007 075
MP 000 350	VT 004 240	MP 000 587	VT 006 853	MP 000 673	VT 007 076
MP 000 357	VT 004 247	MP 000 588	VT 006 854	MP 000 674	VT 007 077
MP 000 360	VT 004 251	MP 000 589	VT 006 855	MP 000 675	VT 007 078
MP 000 378	VT 004 322	MP 000 590	VT 006 856	MP 000 676	VT 007 079
MP 000 379	VT 004 323	MP 000 591	VT 006 933	MP 000 677	VT 007 080
MP 000 505	VT 002 469	MP 000 592	VT 006 934	MP 000 678	VT 007 081
MP 000 508	VT 003 435	MP 000 593	VT 006 935	MP 000 679	VT 007 082
MP 000 510	VT 004 563	MP 000 594	VT 006 936	MP 000 680	VT 007 083
MP 000 511	VT 005 161	MP 000 597	VT 006 939	MP 000 681	VT 007 084
MP 000 512	VT 005 233	MP 000 598	VT 006 940	MP 000 683	VT 007 086
MP 000 515	VT 005 470	MP 000 599	VT 006 941	MP 000 685	VT 007 088
MP 000 517	VT 005 619	MP 000 600	VT 006 942	MP 000 686	VT 007 089
MP 000 527	VT 006 160	MP 000 601	VT 006 943	MP 000 688	VT 007 091
MP 000 528	VT 006 194	MP 000 602	VT 006 944	MP 000 689	VT 007 092
MP 000 529	VT 006 211	MP 000 603	VT 006 945	MP 000 690	VT 007 093
MP 000 530	VT 006 313	MP 000 604	VT 006 946	MP 000 691	VT 007 094
MP 000 531	VT 006 385	MP 000 605	VT 006 947	MP 000 692	VT 007 095
MP 000 532	VT 006 509	MP 000 606	VT 006 948	MP 000 693	VT 007 096
MP 000 533	VT 006 619	MP 000 607	VT 006 949	MP 000 695	VT 007 098
MP 000 534	VT 006 775	MP 000 608	VT 006 950	MP 000 696	VT 007 099
MP 000 535	VT 006 776	MP 000 609	VT 006 951	MP 000 698	VT 007 101
MP 000 536	VT 006 777	MP 000 611	VT 006 953	MP 000 700	VT 007 103
MP 000 537	VT 006 778	MP 000 612	VT 006 954	MP 000 701	VT 007 104
MP 000 538	VT 006 779	MP 000 613	VT 006 955	MP 000 703	VT 007 106
MP 000 539	VT 006 780	MP 000 614	VT 006 956	MP 000 706	VT 007 109
MP 000 540	VT 006 781	MP 000 615	VT 006 957	MP 000 707	VT 007 110
MP 000 541	VT 006 782	MP 000 617	VT 006 959	MP 000 708	VT 007 208
MP 000 542	VT 006 783	MP 000 618	VT 006 960	MP 000 709	VT 007 209
MP 000 543	VT 006 784	MP 000 620	VT 006 962	MP 006 220	VT 003 746
MP 000 544	VT 006 785	MP 000 623	VT 006 965	ED 008 074	VT 008 074
MP 000 545	VT 006 786	MP 000 624	VT 006 966	ED 013 935	VT 002 768
MP 000 546	VT 006 787	MP 000 625	VT 006 967	ED 014 568	VT 003 314
MP 000 547	VT 006 788	MP 000 626	VT 006 968	ED 014 570	VT 003 505
MP 000 548	VT 006 789	MP 000 627	VT 006 969	ED 014 575	VT 003 652
MP 000 549	VT 006 790	MP 000 629	VT 006 971	ED 014 582	VT 003 669
MP 000 550	VT 006 791	MP 000 630	VT 006 972	ED 014 588	VT 003 751
MP 000 551	VT 006 815	MP 000 631	VT 007 032	ED 014 589	VT 003 752
MP 000 552	VT 006 816	MP 000 632	VT 007 033	ED 014 590	VT 003 753
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MP 000 554	VT 006 818	MP 000 639	VT 007 040	ED 014 597	VT 003 833
MP 000 555	VT 006 819	MP 000 640	VT 007 041	ED 014 598	VT 003 834
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MP 000 558	VT 006 822	MP 000 643	VT 007 044	ED 014 601	VT 003 838
MP 000 559	VT 006 824	MP 000 644	VT 007 045	ED 014 602	VT 003 839
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MP 000 564	VT 006 829	MP 000 649	VT 007 050	ED 015 250	VT 001 722
MP 000 565	VT 006 830	MP 000 652	VT 007 053	ED 015 269	VT 003 496
MP 000 566	VT 006 831	MP 000 653	VT 007 054	ED 015 272	VT 003 620
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ED 015 275	VT 003 649	ED 019 402	VT 001 797	ED 020 343	VT 004 555
ED 015 276	VT 003 650	ED 019 406	VT 001 819	ED 020 344	VT 004 583
ED 015 279	VT 003 719	ED 019 407	VT 001 820	ED 020 345	VT 004 584
ED 015 280	VT 003 745	ED 019 408	VT 001 822	ED 020 346	VT 004 585
ED 015 282	VT 003 760	ED 019 409	VT 001 827	ED 020 347	VT 004 586
ED 015 284	VT 003 801	ED 019 410	VT 001 835	ED 020 350	VT 004 600
ED 015 285	VT 003 802	ED 019 414	VT 001 891	ED 020 353	VT 004 618
ED 015 288	VT 003 841	ED 019 422	VT 001 949	ED 020 355	VT 004 625
ED 015 289	VT 003 846	ED 019 423	VT 001 959	ED 020 359	VT 004 707
ED 015 291	VT 003 850	ED 019 424	VT 001 964	ED 020 360	VT 004 712
ED 015 292	VT 003 852	ED 019 428	VT 002 064	ED 020 361	VT 004 718
ED 015 295	VT 003 857	ED 019 430	VT 002 103	ED 020 363	VT 004 720
ED 015 296	VT 003 868	ED 019 431	VT 002 132	ED 020 364	VT 004 722
ED 015 316	VT 004 094	ED 019 432	VT 002 213	ED 020 365	VT 004 723
ED 015 329	VT 004 319	ED 019 436	VT 002 309	ED 020 366	VT 004 724
ED 016 060	VT 002 301	ED 019 439	VT 002 340	ED 020 369	VT 004 727
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ED 016 085	VT 003 684	ED 019 443	VT 002 403	ED 020 379	VT 004 745
ED 016 087	VT 003 693	ED 019 444	VT 002 405	ED 020 383	VT 004 790
ED 016 088	VT 003 697	ED 019 446	VT 002 417	ED 020 384	VT 004 819
ED 016 089	VT 003 800	ED 019 449	VT 002 456	ED 020 385	VT 004 820
ED 016 091	VT 003 835	ED 019 450	VT 002 457	ED 020 386	VT 004 865
ED 016 093	VT 003 882	ED 019 451	VT 002 459	ED 020 387	VT 007 869
ED 016 114	VT 004 233	ED 019 452	VT 002 460	ED 020 388	VT 004 870
ED 016 123	VT 004 249	ED 019 453	VT 002 496	ED 020 389	VT 004 871
ED 016 771	VT 001 126	ED 019 455	VT 002 553	ED 020 390	VT 007 872
ED 016 789	VT 002 564	ED 019 456	VT 002 557	ED 020 391	VT 004 873
ED 016 796	VT 002 877	ED 019 459	VT 002 623	ED 020 392	VT 004 874
ED 016 801	VT 002 886	ED 019 462	VT 002 854	ED 020 393	VT 004 875
ED 016 806	VT 003 291	ED 019 463	VT 002 855	ED 020 394	VT 004 915
ED 016 808	VT 003 293	ED 019 468	VT 003 613	ED 020 396	VT 004 968
ED 016 819	VT 003 523	ED 019 478	VT 004 782	ED 020 397	VT 004 970
ED 016 820	VT 003 538	ED 019 479	VT 004 783	ED 020 398	VT 004 978
ED 016 821	VT 003 577	ED 019 480	VT 004 784	ED 020 404	VT 005 152
ED 016 827	VT 003 748	ED 019 481	VT 004 785	ED 020 405	VT 005 162
ED 017 666	VT 002 898	ED 019 482	VT 004 786	ED 020 408	VT 005 178
ED 017 668	VT 002 909	ED 019 483	VT 004 787	ED 020 409	VT 005 185
ED 017 672	VT 002 916	ED 019 486	VT 004 876	ED 020 411	VT 005 225
ED 017 674	VT 002 920	ED 019 487	VT 004 877	ED 020 412	VT 005 240
ED 017 680	VT 004 026	ED 019 488	VT 004 878	ED 020 413	VT 005 256
ED 017 682	VT 004 196	ED 019 489	VT 004 879	ED 020 417	VT 005 295
ED 017 709	VT 004 509	ED 019 490	VT 004 880	ED 020 420	VT 005 426
ED 017 739	VT 005 135	ED 019 491	VT 004 881	ED 020 436	VT 005 717
ED 018 548	VT 000 774	ED 020 300	VT 001 086	ED 020 437	VT 005 718
ED 018 585	VT 001 512	ED 020 303	VT 002 135	ED 020 438	VT 005 719
ED 018 590	VT 001 553	ED 020 304	VT 002 188	ED 021 041	VT 002 727
ED 018 605	VT 001 696	ED 020 305	VT 002 189	ED 021 044	VT 002 823
ED 018 611	VT 002 947	ED 020 306	VT 002 190	ED 021 047	VT 003 372
ED 018 614	VT 003 221	ED 020 307	VT 002 191	ED 021 050	VT 003 700
ED 018 618	VT 003 245	ED 020 308	VT 002 192	ED 021 055	VT 004 358
ED 018 621	VT 003 280	ED 020 309	VT 002 193	ED 021 058	VT 004 817
ED 018 623	VT 003 287	ED 020 310	VT 002 194	ED 021 059	VT 004 914
ED 018 624	VT 003 288	ED 020 312	VT 002 539	ED 021 062	VT 004 931
ED 018 625	VT 003 289	ED 020 313	VT 002 543	ED 021 066	VT 005 525
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ED 018 634	VT 003 584	ED 020 318	VT 002 721	ED 021 070	VT 005 631
ED 018 639	VT 003 685	ED 020 319	VT 002 839	ED 021 071	VT 005 635
ED 018 640	VT 003 691	ED 020 322	VT 003 893	ED 021 129	VT 005 763
ED 018 641	VT 003 773	ED 020 325	VT 004 372	ED 021 133	VT 005 851
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PUBLICATIONS OF THE CENTER FOR VOCATIONAL AND TECHNICAL EDUCATION

RESEARCH SERIES

no.	name of publication	cost	ERIC system*
1	A National Survey of Vocational Education Programs for Students with Special Needs. April 1967. 89 + 14 p.	o	ED 011 041 Aug. '67 RIE
2	The Demand for and Selected Sources of Teachers in Vocational and Technical Education:, State Director Survey. January 1967. 31 + 51 p.	o	ED 012 331 Dec. '67 RIE
3	Research and Development Priorities in Technical Education. May 1967, A Report of a National Research Planning Conference in Technical Education, January 10-11, 1967. 34 p.	o	ED 013 888 Mar. '68 RIE
4	Review and Synthesis of Research in Agricultural Education. August 1966. 140 p.	1.50	ED 011 562 Oct. '67 RIE
5	Review and Synthesis of Research in Business and Office Occupations Education. August 1966. 128 p.	o	ED 011 566 Oct. '67 RIE
6	Review and Synthesis of Research in Distributive Education. August 1966. 212 p.	o	ED 011 565 Oct. '67 RIE
7	Review and Synthesis of Research in Home Economics Education. August 1966. 104 p.	o	ED 011 563 Oct. '67 RIE
8	Review and Synthesis of Research in Industrial Arts Education. August 1966. 88 p.	o	ED 011 564 Oct. '67 RIE
9	Review and Synthesis of Research in Technical Education. August 1966. 69 p.	1.50	ED 011 559 Oct. '67 RIE
10	Review and Synthesis of Research in Trade and Industrial Education. August 1966. 76 p.	o	ED 011 560 Oct. '67 RIE
11	The Emerging Role of State Education Departments with Specific Implications for Divisions of Vocational-Technical Education. (National Conference on State Dept. Leadership in Vocational Education, February 27-March 2, 1967) 1967. 395 p.	o	ED 016 870 July '68 RIE
12	A Taxonomy of Office Activities for Business and Office Education. July 1968. 163 p.	2.75	ED 021 140 Dec. '68 RIE
13	Enlisted Men Separating from the Military Service as a Potential Source of Teachers for Vocational and Technical Schools. October 1967. 53 p.	x	ED 016 131 June '68 RIE
14	Boost: Business and Office Education Student Training; Preliminary Report. 1967. 251 p.	3.00	ED 018 663 Sept. '68 RIE
15	Professional Personnel in State Divisions of Vocational Education: Policies, Practices, Requirements. November 1968. 99 p.	3.25	ED 023 928 Mar. '69 RIE
16	Review and Synthesis of Research on the Economics of Vocational Education. November 1968. 53 p.	1.50	ED 023 937 Mar. '69 RIE
17	Trade and Industrial Teacher Education and Certification: Report of a National Invitational Research Development Seminar. November 1968.	o	ED 025 644 May '69 RIE
18	Research Priorities in Technical Teacher Education: A Planning Model. October 1967. 48 p.	o	ED 016 815 July '68 RIE
19	Implications of Women's Work Patterns for Program Development in Vocational and Technical Education. October 1967. 70 p.	2.00	ED 016 812 July '68 RIE
20	Problems in the Transition from High School to Work as Perceived by Vocational Educators. October 1967. 76 p.	o	ED 016 811 July '68 RIE
21	An Evaluation of the Off-Farm Agricultural Occupations Materials. October 1967. 74 p.	x	ED 016 853 July '68 RIE
22	A Guide to Systematic Planning for Vocational and Technical Schools. December 1968. 23 p.	1.50	ED 026 537 June '69 RIE
23	A Guide for Planning Facilities for Home Economics Occupational Preparation Programs. July 1968. 83 p.	2.00	ED 022 924 Feb. '69 RIE
24	A Guide for Planning Facilities for Occupational Preparation Programs in the Machine Trades. July 1968. 71 p.	2.00	ED 023 926 Mar. '69 RIE
25	A Guide for Planning Facilities for Occupational Preparation Programs in Data Processing. November 1968. 67 p.	2.00	ED 023 927 Mar. '69 RIE
26	A Guide for Planning Facilities for Occupational Preparation Programs in Business and Office Occupations. November 1968. 86 p.	2.00	ED 027 401 July '69 RIE
27	A Guide for Planning Facilities for Occupational Preparation Programs in Laboratory Animal Science Technology. January 1969. 118 p.	o	ED 027 434 July '69 RIE
28	A Guide for Planning Facilities for Occupational Preparation Programs in Metallurgy Technology. March 1969. 98 p. + 10 p.	2.00	ED 027 420 July '69 RIE
29	A Guide for Planning Facilities for Occupational Preparation Programs in Automotive Service. April 1969. 86 p.	2.00	ED 028 280 Aug. '69 RIE

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3	Guidelines for State Supervisors of Office Occupations Education. Report of a National Clinic, May 24-27, 1965, Pick-Fort Hayes Hotel, Columbus, Ohio. 1965. 84 p.	o	VT 001 266
4	National Vocational-Technical Education Seminar on the Development and Coordination of Research by State Research Coordinating Units. 1966. 72 p.	o	ED 011 042 Aug. '67 RIE
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